

# FAA Aviation Rulemaking Advisory Committee



## Training Standardization Working Group (TSWG) HS-125 Curriculum Report

# Table of Contents

## Contents

|                                                                                        |           |
|----------------------------------------------------------------------------------------|-----------|
| <b>Table of Contents .....</b>                                                         | <b>2</b>  |
| <b>Appendix E – HS-125 Curriculum Document.....</b>                                    | <b>7</b>  |
| <b>1 Maintaining Training Syllabi.....</b>                                             | <b>8</b>  |
| <b>2 Applicable Regulations and Guidance .....</b>                                     | <b>8</b>  |
| <b>3 Base Aircraft.....</b>                                                            | <b>9</b>  |
| <b>4 Aircraft Configuration .....</b>                                                  | <b>9</b>  |
| <b>5 Curricula.....</b>                                                                | <b>10</b> |
| 5.1 Standardized Curriculum Interface with the Overall Pilot Training Curriculums..... | 11        |
| 5.1.1 Initial New-Hire Training Curriculum (INH) .....                                 | 11        |
| 5.1.2 Initial Equipment Training Curriculum (IE).....                                  | 12        |
| 5.1.3 Transition Training Curriculum (TRA) .....                                       | 13        |
| 5.1.4 Upgrade Training Curriculum (UPGD) .....                                         | 13        |
| 5.1.5 Recurrent Training Curriculum (REC) .....                                        | 14        |
| 5.1.6 Requalification Training Curriculum (REQ) .....                                  | 15        |
| 5.1.7 Standardized Curriculum Aircraft/Simulator Training Matrix .....                 | 15        |
| <b>6 Course Contents.....</b>                                                          | <b>16</b> |
| 6.1 Course 1 Training Hours Summary .....                                              | 16        |
| 6.3 Operational Procedures .....                                                       | 20        |
| 6.4 Pilot Flying (PF) and Pilot Monitoring (PM) Duties .....                           | 20        |
| 6.5 Training Environment .....                                                         | 20        |
| 6.6 Operational/Simulated Systems Requirements.....                                    | 21        |
| <b>7 Types of Instrument Procedures, Conditions, and Minima to Be Addressed.....</b>   | <b>21</b> |
| 7.1 Guidance for RNAV and ILS Instrument Approaches .....                              | 22        |
| 7.2 WAAS Training Documentation .....                                                  | 22        |
| 7.3 Continuous Descent Final Approach (CDFA) Pilot Knowledge and Training .....        | 22        |
| 7.4 CAT I Qualification .....                                                          | 22        |
| <b>8 Required Navigation Performance (RNP) Training.....</b>                           | <b>22</b> |
| <b>9 Data Link Communications .....</b>                                                | <b>23</b> |
| <b>10 Testing and Checking .....</b>                                                   | <b>23</b> |
| 10.1 Added Type Rating Practical Test §61.157 .....                                    | 23        |
| 10.2 Pilot Testing §135.293 .....                                                      | 24        |
| 10.2.1 Aircraft Knowledge Test Modules §135.293(a)(2) & (3).....                       | 24        |
| 10.2.2 Aircraft Competency Check Modules §135.293(b).....                              | 24        |
| 10.3 Instrument Proficiency Check §135.297.....                                        | 24        |
| 10.4 Seat Dependent Checking .....                                                     | 25        |
| 10.5 PIC Qualification Checking Modules.....                                           | 25        |
| 10.6 SIC Qualification Checking Modules .....                                          | 27        |

|                                                                                             |           |
|---------------------------------------------------------------------------------------------|-----------|
| <b>11 Training Segments .....</b>                                                           | <b>30</b> |
| 11.1 Ground Training Segment.....                                                           | 30        |
| 11.2 Systems Integration.....                                                               | 30        |
| 11.3 Flight Training Segment .....                                                          | 31        |
| 11.4 Seat Dependent Training.....                                                           | 32        |
| 11.5 Training Course Outlines.....                                                          | 33        |
| 11.5.1 Differences Training Curricula.....                                                  | 40        |
| <b>Appendix F – HS-125 Standardized Operating Procedures, Maneuvers, and Callouts .....</b> | <b>42</b> |
| <b>1 Introduction.....</b>                                                                  | <b>43</b> |
| <b>2 Checklists .....</b>                                                                   | <b>44</b> |
| 2.1 Normal Procedures.....                                                                  | 45        |
| 2.1.1 Checklist Initiation.....                                                             | 45        |
| 2.2 One Pilot in Cockpit.....                                                               | 46        |
| 2.3 Both Pilots in Cockpit.....                                                             | 46        |
| 2.3.1 Omission of Checklists .....                                                          | 46        |
| 2.3.2 Actioning Normal Checklists.....                                                      | 46        |
| 2.3.3 Interrupting and Resuming Checklists.....                                             | 47        |
| 2.3.4 Checklist Terminology.....                                                            | 47        |
| 2.4 Challenge/No Response .....                                                             | 48        |
| 2.5 Definitions: .....                                                                      | 48        |
| <b>3 Briefings .....</b>                                                                    | <b>48</b> |
| 3.1 General.....                                                                            | 49        |
| 3.2 Takeoff Briefing and the Go/No Go Decision.....                                         | 51        |
| 3.2.1 Go/No-Go Decision Criteria.....                                                       | 51        |
| 3.2.2 Takeoff Briefing.....                                                                 | 51        |
| 3.3 Arrival/Approach Briefing.....                                                          | 52        |
| <b>4 Philosophy for the Use of Advanced Technology Equipment.....</b>                       | <b>53</b> |
| 4.1 Use of Automation.....                                                                  | 54        |
| 4.1.1 Flight Management System .....                                                        | 55        |
| <b>5 General Callouts/Procedures .....</b>                                                  | <b>56</b> |
| 5.1 Setting up the Flight Deck for an Approach .....                                        | 56        |
| 5.1.2 Stabilized Approach Criteria.....                                                     | 57        |
| 5.1.3 Altitude Changes.....                                                                 | 57        |
| 5.1.4 Heading Changes .....                                                                 | 58        |
| 5.1.5 Altimeter Changes .....                                                               | 58        |
| 5.1.6 Aircraft Control Transfer .....                                                       | 58        |
| 5.1.7 Approach Altitude Call Outs .....                                                     | 58        |
| 5.1.8 Pilot Monitoring (PM) Standard Callouts.....                                          | 58        |
| <b>6 Taxi.....</b>                                                                          | <b>59</b> |
| <b>7 Maneuvers Training .....</b>                                                           | <b>60</b> |
| 7.1 Stalls.....                                                                             | 60        |
| 7.2 Steep Turns .....                                                                       | 61        |
| 7.3 Time Critical Situations .....                                                          | 61        |
| 7.4 Rejected Takeoffs .....                                                                 | 61        |

|                                                                                         |           |
|-----------------------------------------------------------------------------------------|-----------|
| 7.5 Critical Malfunctions in Flight.....                                                | 61        |
| 7.6 Non-Critical Malfunctions in Flight .....                                           | 62        |
| <b>8 Operating Procedures.....</b>                                                      | <b>62</b> |
| 8.1 Takeoff Normal/Crosswind/Lower Than Standard .....                                  | 62        |
| 8.2 Precision Approach.....                                                             | 64        |
| 8.3 Non-Precision (CDFA) .....                                                          | 66        |
| 8.4 Visual Approach .....                                                               | 68        |
| 8.5 One Engine INOP Approach .....                                                      | 69        |
| 8.6 Go Around – 2 Engines.....                                                          | 71        |
| 8.7 Go Around – 1 Engine .....                                                          | 72        |
| 8.8 Rejected Takeoff.....                                                               | 73        |
| 8.9 Engine Failure $\geq V_1$ .....                                                     | 73        |
| 8.10 Emergency Descent .....                                                            | 75        |
| 8.11 EGPWS Terrain/Obstacle Avoidance.....                                              | 76        |
| 8.12 Windshear Warning .....                                                            | 76        |
| 8.13 Stall .....                                                                        | 77        |
| 8.14 No Flap Approach.....                                                              | 78        |
| 8.15 Circling Approach.....                                                             | 78        |
| 8.16 Steep Turns .....                                                                  | 80        |
| 8.17 Inflight Powerplant Shutdown .....                                                 | 81        |
| 8.18 Inflight Powerplant Restart .....                                                  | 81        |
| 8.19 Powerplant Failure During Second Segment.....                                      | 82        |
| 8.20 OEI During Climb to En Route Altitude .....                                        | 83        |
| 8.21 Landing – Normal, Crosswind, Flap Malfunction, OEI, or from Instrument Approach .. | 84        |
| 8.22 Climb.....                                                                         | 85        |
| 8.23 Descent.....                                                                       | 85        |
| 8.24 Emergency Evacuation .....                                                         | 85        |
| 8.25 Ice Accumulation on Airframe .....                                                 | 86        |
| 8.26 Holding .....                                                                      | 86        |
| <b>9 Flows.....</b>                                                                     | <b>87</b> |
| 9.1 Start Checks .....                                                                  | 87        |
| 9.2 After Start Checks.....                                                             | 87        |
| 9.3 Line Up Checks.....                                                                 | 88        |
| 9.4 After Takeoff Checks.....                                                           | 88        |
| 9.5 Landing Checks .....                                                                | 89        |
| 9.6 After Landing Checks .....                                                          | 89        |
| 9.7 Missed Approach .....                                                               | 89        |
| <b>Appendix 1. Briefings .....</b>                                                      | <b>90</b> |
| 1 General.....                                                                          | 90        |
| 2 TPC (Expanded Policy) .....                                                           | 90        |
| 2.1 Threats.....                                                                        | 90        |
| 2.2 Plan .....                                                                          | 91        |
| 2.3 Considerations.....                                                                 | 91        |
| <b>Appendix G – HS-125 Learning Objectives .....</b>                                    | <b>92</b> |



|                                                                                                                          |             |
|--------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>1 Overview – Course 1 .....</b>                                                                                       | <b>93</b>   |
| 1.1 Course 1 Training Hours Summary .....                                                                                | 93          |
| 1.2 Course 2 Training Hours Summary .....                                                                                | 98          |
| <b>2 Ground School Learning Objectives – Course 1.....</b>                                                               | <b>100</b>  |
| 2.1 Course 1 – Ground School Learning Objectives .....                                                                   | 100         |
| <b>3 Systems Integration Training Learning Objectives – Course 1 .....</b>                                               | <b>283</b>  |
| 3.1 Course 1 – SIT 1 Learning Objectives.....                                                                            | 283         |
| 3.2 Course 1 – SIT 2 Learning Objectives.....                                                                            | 315         |
| 3.3 Course 1 – SIT 3 Learning Objectives.....                                                                            | 513         |
| <b>4 Simulator Training Learning Objectives – Course 1 .....</b>                                                         | <b>734</b>  |
| 4.1 Course 1 – SIM 1 Learning Objectives.....                                                                            | 734         |
| 4.2 Course 1 – SIM 2 Learning Objectives.....                                                                            | 805         |
| 4.3 Course 1 – SIM 3 Learning Objectives.....                                                                            | 899         |
| 4.4 Course 1 – SIM 4 Learning Objectives.....                                                                            | 1122        |
| 4.5 Course 1 – SIM 5 Learning Objectives.....                                                                            | 1216        |
| 4.6 Course 1 – SIM 6 Learning Objectives.....                                                                            | 1365        |
| <b>5 Overview – Course 2.....</b>                                                                                        | <b>1366</b> |
| <b>6 Ground School Learning Objectives – Course 2.....</b>                                                               | <b>1369</b> |
| 6.1 Course 2 – Ground School Learning Objectives .....                                                                   | 1369        |
| <b>7 Simulator Training Learning Objectives – Course 2 .....</b>                                                         | <b>1618</b> |
| 7.1 Course 2 – SIM 1 Learning Objectives.....                                                                            | 1618        |
| 7.2 Course 2 – SIM 2 Learning Objectives.....                                                                            | 1794        |
| 7.3 Course 2 – SIM 3 Learning Objectives.....                                                                            | 1925        |
| <b>Appendix H – HS-125 Differences Courses Learning Objectives .....</b>                                                 | <b>2118</b> |
| <b>1 Hawker 800 and HS-125 Differences .....</b>                                                                         | <b>2119</b> |
| 1.1 Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP, Hawker 800<br>with Honeywell CDS/R .....            | 2119        |
| 1.1.1 Initial Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP,<br>Hawker 800 with Honeywell CDS/R.....   | 2119        |
| 1.1.2 Recurrent Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP,<br>Hawker 800 with Honeywell CDS/R..... | 2121        |
| 1.2 Differences from Hawker 900XP to Hawker 800XP/850XP .....                                                            | 2123        |
| 1.2.1 Initial Differences from Hawker 900XP to Hawker 800XP/850XP .....                                                  | 2123        |
| 1.2.2 Recurrent Differences from Hawker 900XP to Hawker 800XP/850XP .....                                                | 2125        |
| 1.3 Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with<br>Collins IDS-3000 .....             | 2126        |
| 1.3.1 Initial Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker<br>800A/XP with Collins IDS-3000 .....   | 2127        |
| 1.3.2 Recurrent Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker<br>800A/XP with Collins IDS-3000 ..... | 2130        |
| 1.4 Differences from Bae-125-800A/XP with Honeywell to BAE-125-800A/XP with Collins<br>Proline 21 .....                  | 2133        |
| 1.4.1 Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP<br>with Collins Proline 21 .....        | 2134        |

|                                                                                                                  |      |
|------------------------------------------------------------------------------------------------------------------|------|
| 1.4.2 Recurrent Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 ..... | 2146 |
| 1.5 Differences from Bae-125-800A/XP with Proline 21 to Bae-125-800A/XP with Honeywell .....                     | 2155 |
| 1.5.1 Initial Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell .....           | 2156 |
| 1.5.2 Recurrent Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell .....         | 2165 |

## Appendix E – HS-125 Curriculum Document

# HS-125 Standardized Curriculum



## 1 Maintaining Training Syllabi

Parts 135 operators should maintain training syllabi (e.g., initial, upgrade, or recurrent) and other appropriate materials including operational practices and procedures. Training for other personnel must be included where appropriate (e.g., operational control personnel or maintenance). A part 135 standardized curriculum listed in TS specs may be referenced in the part 135 operator's training program as an FAA-published curriculum in accordance with § 135.341 without the need to reproduce a physical copy of the curriculum.

## 2 Applicable Regulations and Guidance

| FAA Reference Documents                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FAA Advisory Circular 00-54 11/25/1988 Pilot Windshear Guide                                                                                                                                                   |
| FAA Advisory Circular 90-100A CHG 2, 04/14/2015 U.S. Terminal and En Route Area Navigation (RNAV) Operations with Change 2                                                                                     |
| FAA Advisory Circular 90-105A 03/07/2016 Approval Guidance for RNP Operations and Barometric Vertical Navigation in the U.S. National Airspace System and in Oceanic and Remote Continental Airspace           |
| FAA Advisory Circular 90-106B 05/02/2022 Enhanced Flight Vision Systems                                                                                                                                        |
| FAA Advisory Circular 90-107 02/11/2011 Guidance for Localizer Performance with Vertical Guidance and Localizer Performance without Vertical Guidance Approach Operations in the U.S. National Airspace System |
| FAA Advisory Circular 90-108 04/21/2015 Use of Suitable Area Navigation (RNAV) Systems on Conventional Routes and Procedures                                                                                   |
| FAA Advisory Circular 90-117 10/03/2017 Data Link Communications                                                                                                                                               |
| FAA Advisory Circular 91-74B 10/08/2015 Pilot Guide: Flight In Icing Conditions                                                                                                                                |
| FAA Advisory Circular 91-79A CHG 2 02/20/2018 Mitigating the Risks of a Runway Overrun Upon Landing                                                                                                            |
| FAA Advisory Circular 120-35D 03/03/2015 March 18 2013 Flightcrew Member Line-Operational Simulations: Line-Oriented Flight Training, Special Purpose Operational Training, Line Operational Evaluation        |
| FAA Advisory Circular 120-55C CHG 1 March 18 2013 Air Carrier Operational Approval and Use of TCAS II                                                                                                          |
| FAA Advisory Circular 120-74B 07/30/2012 Part 91, 121, 125, and 135 Flightcrew Procedures during Taxi                                                                                                          |
| FAA Advisory Circular 120-76D 10/20/2017 Authorization for Use of Electronic Flight Bag                                                                                                                        |
| FAA Advisory Circular 120-91A January 13 2020 Airport Obstacle Analysis                                                                                                                                        |
| FAA Advisory Circular 120-108 01/20/2011 Continuous Descent Final Approach                                                                                                                                     |
| FAA Advisory Circular 120-109A CHG 1 11/24/2015 Stall Prevention and Recovery Training                                                                                                                         |
| FAA Advisory Circular 120-118 07/2/2018 Criteria for Approval/Authorization of All Weather Operations (AWO) for Takeoff, Landing, and Rollout                                                                  |
| FAA Advisory Circular 135-17 12/14/1994 Small Aircraft Ground Deicing                                                                                                                                          |

|                                                                                                                  |
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| <b>FAA Reference Documents</b>                                                                                   |
| FAA Airline Transport Pilot and Type Rating for Airplane Airman Certification Standards with change 1, June 2019 |
| FAA CFR Title 14 Subchapter C Part 25                                                                            |
| FAA CFR Title 14 Subchapter D Part 61.66                                                                         |
| FAA CFR Title 14 Subchapter F Part 91.176                                                                        |
| FAA CFR Title 14 Subchapter G Part 135 subpart G                                                                 |
| FAA CFR Title 14 Subchapter G Part 135 subpart H                                                                 |
| FAA 8900.1 Vol. 3 Ch. 19 Sec. 5 CHG 702, 04/24/2020                                                              |
| FAA 8900.1 Vol. 3 Ch. 19 Sec. 6 CHG 702, 04/24/2020                                                              |
| FAA 8900.1 Vol. 3 Ch. 19 Sec. 7 CHG 702, 10/19/2020                                                              |
| FAA 8900.1 Vol. 3 Ch. 19 Sec 8 CHG 702, 4/24/2020                                                                |
| FAA 8900.1 Vol. 3 Ch. 19 Sec 9 CHG 555, 4/21/2020                                                                |
| FAA 8900.1 Vol. 3 Ch. 19 Sec 10 CHG 702, 4/24/2020                                                               |
| FAA 8900.1 Vol. 3 Ch. 19 Sec 11 CHG 702, 4/24/2020                                                               |
| FAA 8900.1 Vol. 3 Ch. 54 Sec. 6 CHG 711, 6/20/2020                                                               |
| FAA 8900.1 Vol. 4 Ch. 3 Sec. 6 CHG 627, 10/15/18                                                                 |
| FAA-H-8083-16B, Instrument Procedures Handbook 2017                                                              |
| FAA FSB Report HS-125 Rev 5 07/08/2019                                                                           |
| FAA Operational Suitability Report (OSR) Rev.3 08/14/2020 (Operational Credit for EFVS)                          |
| FAA Pilot Guide to Takeoff Safety (2004)                                                                         |
| FAA InFO 18014, 11/19/2018                                                                                       |
| FAA SAFO 17010 Incorrect Airport Surface Approaches and Landings                                                 |
| FAA SAFO 19001 Landing Performance Assessments at Time of Arrival                                                |
| FAA Fact Sheet - Engineered Material Arresting System (EMAS), 12/16/2020                                         |

### 3 Base Aircraft

This document sets forth the recommended Training Curricula for HS-125 series aircraft, including the HS-125 Series 800, Hawker 800XP SPZ8000, Hawker 800XP EFIS-86, Hawker 800XP Proline 21, Hawker 850XP, Hawker 900XP, and Hawker 750 variants. The curricula satisfy the aircraft-specific training, testing, and checking requirements of §135.293, §135.297, §135.345, §135.347, and §135.351. A training provider must identify in their standardized curriculum package which aircraft in the series is the base aircraft represented by the flight training equipment to be used, and identify which variants can be trained using the appropriate differences course(s) from the standardized curriculum.

### 4 Aircraft Configuration

This recommended standardized training curriculum addresses the HS-125 aircraft, including the HS-125 Series 800, Hawker 800XP SPZ8000, Hawker 800XP EFIS-86, Hawker 800XP Proline 21, Hawker 850XP, Hawker 900XP, and Hawker 750 variants. Appendix E contains detailed differences training and learning objectives based on the HS-125 Flight Standards Board Report.

## 5 Curricula

The purpose of the training program is to standardize part 135 air carrier curricula delivered by part 142 training centers to meet the training requirements of part 135 subpart H. This training specification is the mechanism with which the TSWG will formalize stakeholder input for each aircraft type, prior to developing a standardized curricula document for each aircraft fleet.

Upon completion of a fleet specific standardized curricula document, the TSWG will recommend that curricula document to the ARAC. The ARAC will either return the document to the TSWG for revision or recommend the document to the FAA for review. When the ARAC recommends a standardized curricula document to the FAA, the FAA will review the recommendations and, if acceptable, publish the standardized curricula at a national level.

The final output of the TSWG design process is a curriculum document for review by the ARAC. The remaining components of the training program are the responsibility of the operator and part 142 training provider.

In scope of the HS-125 Standardized Curriculum:

- Part 135 Curriculum Document

Out of scope:

- Air Carrier Indoc subjects – §135.345(a)(1) and (a)(4)-(8)
- Company Qualification Modules – §135.293(a)(1)&(4)-(8) and §135.299
- Company Specialty Curriculum Modules
- Courseware (including ground and simulator lesson plans)
- Facilities
- Flight Training Equipment
- General Emergency Training - §135.331
- Hazardous Materials Training (Recognition or Will-Carry) - §135.505
- Personnel
- Records

Additionally, this curriculum meets the training requirements for operators with the following authorizations:

- B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems
- B035 - Class I Navigation in US Class A Airspace Using Area or Long-Range Navigation Systems
- C052 - Straight-In, Non-Precision, APV, and Category I Precision Approach and Landing Minima - All Airports
- C063 - Area Navigation (RNAV) and Required Navigation Performance (RNP) Terminal Operations).

- C073 - Using Minimum Descent Altitude (MDA) as a Decision Altitude (DA)/Decision Height (DH).
- C075 - CAT I IFR Landing Minimum - Circling Approaches
- C079 - IFR Lower-than-Standard Takeoff Minima Airplane Operations - All Airports (Part 135)

### ***5.1 Standardized Curriculum Interface with the Overall Pilot Training Curriculums***

The Standardized Curriculum does not include training subjects outside of the aircraft specific training curriculum, such as Basic Indoctrination, Emergency training or other curriculum segments in the certificate holder's FAA Approved Training Program.

The standardized curriculum contains three course footprints which are used to satisfy multiple curriculums described below.

- Course 1 is a long course
- Course 2 is a short course

#### **5.1.1 Initial New-Hire Training Curriculum (INH)**

This training category is for personnel who have no previous experience with the Certificate Holder (CH) (e.g., newly hired personnel). However, it also applies to personnel employed by the CH who have not previously held a flightcrew member duty position with that CH. Initial new-hire training includes basic indoctrination training and training for a specific duty position and aircraft type. Except for a basic indoctrination curriculum segment, the regulatory requirements for initial new-hire and initial equipment training are the same. Since initial new-hire training is usually the employee's first exposure to specific certificate holder's methods, systems, and procedures, it must be the most comprehensive of the categories of training.

For this reason, initial new-hire training is a distinct, separate category of training and should not be confused with initial equipment training. As defined by 8900.1, initial equipment training is a separate category of training.

#### ***Prerequisites and SC Enrollment:***

The pilots will complete all certificate holder basic Indoc training curriculum segments prior to enrollment in the standardized curriculum. The pilot must have completed the certificate holder §135.293(a)(1), and (3)-(8).

For a PIC training course and qualification, the pilot must possess:

1. Unrestricted ATP, or
2. Commercial, Instrument, Multi Engine not limited to centerline thrust, and successfully have passed the ATP Knowledge Test and meet the eligibility requirements of §61.153.

The PIC Curriculum leads to a PIC §135.293 Competency Check and PIC §135.297 Proficiency Check, and additionally is eligible for an ATP and/or PIC Type Rating in accordance with §61.157(f).

For a SIC Curriculum and qualification, the pilot must possess:

1. ATP, or
2. Commercial, Instrument and Multi Engine not limited to centerline thrust

The SIC Curriculum leads to an IFR SIC §135.293 Competency Check and is eligible for an SIC Type Rating in accordance with §61.55(e).

*SC Training Footprint:*

See [Standardized Curriculum Aircraft/Simulator Training Matrix](#).

### **5.1.2 Initial Equipment Training Curriculum (IE)**

This category of training is for personnel who have been previously trained and qualified for a flightcrew member duty position by the certificate holder (i.e., not new hires) and who are being reassigned to a different flightcrew member duty position on a different aircraft type, and the flightcrew member has not been previously trained and qualified by the certificate holder for that flightcrew member duty position and aircraft type. For example, an SIC on a Cessna 400 series is reassigned as a PIC on a G-V.

#### ***Prerequisites and SC enrollment:***

The pilots will complete all certificate holder training curriculum segments prior to enrollment in standardized curriculum. The pilot must have a current §135.293(a)(1), and (3)-(8) for the certificate holder.

For a PIC training course and qualification, the pilot must possess:

1. Unrestricted ATP, or
2. Commercial, Instrument, Multi Engine not limited to centerline thrust, and successfully have passed the ATP Knowledge Test and meet the eligibility requirements of §61.153.

The PIC Curriculum leads to a PIC §135.293 and PIC §135.297 Proficiency Check, and additionally is eligible for an ATP and/or PIC Type Rating in accordance with §61.157(f).

For a SIC Curriculum and qualification, the pilot must possess:

1. ATP, or
2. Commercial, Instrument and Multi Engine not limited to centerline thrust

The SIC Curriculum leads to a IFR SIC §135.293 and is eligible for an SIC Type Rating in accordance with §61.55(e).



SC Training Footprint:

See [Standardized Curriculum Aircraft/Simulator Training Matrix](#).

### **5.1.3 Transition Training Curriculum (TRA)**

This category of training is for a flightcrew member who has been previously trained and qualified for a specific flightcrew member duty position by the certificate holder and who is being reassigned to the same flightcrew member duty position on a different aircraft type. For example, an SIC on a H800 is reassigned as an SIC on a G-V.

#### ***Prerequisites and SC Enrollment:***

The pilots will complete all certificate holder training curriculum segments prior to enrollment in the standardized curriculum. The pilot must have a current 135.293(a)(1), and (3)-(8) for the certificate holder.

For a PIC training course and qualification, the pilot must possess:

1. Unrestricted ATP, or
2. Commercial, Instrument, Multi Engine not limited to centerline thrust, and successfully have passed the ATP Knowledge Test and meet the eligibility requirements of 61.153.

The PIC Curriculum leads to a PIC §135.293 and PIC §135.297 Proficiency Check, and additionally is eligible for an ATP and/or PIC Type Rating in accordance with §61.157(f).

For a SIC Curriculum and qualification, the pilot must possess:

1. ATP, or
2. Commercial, Instrument and Multi Engine not limited to centerline thrust

The SIC Curriculum leads to a IFR SIC §135.293 and is eligible for an SIC Type Rating in accordance with §61.55(e).

SC Training Footprint:

See [Standardized Curriculum Aircraft/Simulator Training Matrix](#).

### **5.1.4 Upgrade Training Curriculum (UPGD)**

This category of training is for a flightcrew member who has been previously trained and qualified as an SIC by the certificate holder and is being reassigned as a PIC to the same aircraft type for which the flightcrew member was previously trained and qualified. For example, an SIC on a G-V is reassigned as a PIC on a G-V.

***Prerequisites and SC enrollment:***

The pilots will complete all certificate holder training curriculum segments prior to enrollment in the standardized curriculum. The pilot must have a current §135.293(a)(1), and (3)-(8) for the certificate holder.

For a PIC training course and qualification, the pilot must possess:

1. Unrestricted ATP, or
2. Commercial, Instrument, Multi Engine not limited to centerline thrust, and successfully have passed the ATP Knowledge Test and meet the eligibility requirements of 61.153.

The PIC Curriculum leads to a PIC §135.293 and PIC §135.297 Proficiency Check, and additionally is eligible for an ATP and/or PIC Type Rating in accordance with §61.157(f).

SC Training Footprint:

See [Standardized Curriculum Aircraft/Simulator Training Matrix](#).

**5.1.5 Recurrent Training Curriculum (REC)**

This category of training is for a flightcrew member who has been trained and qualified by the certificate holder, who will continue to serve in the same duty position and aircraft type, and who must receive recurring training and/or checking within an appropriate eligibility period. Pilots that are not within the eligibility period for recurrent require a requalification curriculum.

***Prerequisites and SC enrollment:***

The pilots will complete all certificate holder training curriculum segments prior to enrollment in SC.

The pilot must have a current §135.293(a)(1), and (3)-(8) for the certificate holder.

The PIC pilot is within §135.293 & §135.297 currency, or

The SIC pilot is within §135.293.

The PIC Curriculum leads to a PIC §135.293 and PIC §135.297 Proficiency Check.

The SIC Curriculum leads to a IFR SIC §135.293 Competency Check.

SC Training Footprint:

Course 2 - Short Footprint

### 5.1.6 Requalification Training Curriculum (REQ)

This category of training is for a flightcrew member who has been trained and qualified by the certificate holder or standardized curriculum but has become unqualified to serve in a particular flightcrew member duty position on an aircraft type due to not having received recurrent ground or flight training and/or a required proficiency check, flight check, line check, or competency check within the appropriate eligibility period. Requalification training is also applicable in the following situations:

- PICs who are being reassigned as SICs on the same aircraft type.

#### ***Prerequisites and SC enrollment:***

The certificate holder will complete all training curriculum segments prior to enrollment in standardized curriculum. The pilot must have a current §135.293(a)(1), and (3)-(8) for the certificate holder.

The PIC Curriculum leads to a PIC §135.293 and PIC §135.297 Proficiency Check.

The SIC Curriculum leads to a IFR SIC §135.293 Competency Check.

SC Training Footprint:

See [Standardized Curriculum Aircraft/Simulator Training Matrix](#).

### 5.1.7 Standardized Curriculum Aircraft/Simulator Training Matrix

| STANDARDIZED CURRICULUM AIRCRAFT/SIMULATOR TRAINING MATRIX                                       |                                                                   |                                                                                              |                                                        |                             |
|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------|
| Pilot is:                                                                                        | Aircraft Ground Training Segment                                  | Aircraft Flight Training Segment                                                             | Aircraft Qualification Segment                         | SC Course Footprint         |
| SC 135 current in type and duty position.                                                        | N/A                                                               | N/A                                                                                          | N/A                                                    | No Flight Training Required |
| SC 135 current in type and duty position <b>AND</b> is upgrading from SIC to PIC duty position   | All recurrent ground training elements.<br><br>16 training hours. | All recurrent flight training elements.<br><br>12 training hours plus qualification segment. | 135.293(a)(2) & 135.293(b) & 135.297*<br><br>*PIC only | 2                           |
| Non-SC 135 current in type and duty position; <b>OR</b> 61.58 current in type and duty position. | All recurrent ground training elements.<br><br>16 training hours. | All recurrent flight training elements.<br><br>12 training hours plus qualification segment. | 135.293(a)(2) & 135.293(b) & 135.297*<br><br>*PIC only | 2                           |

| STANDARDIZED CURRICULUM AIRCRAFT/SIMULATOR TRAINING MATRIX                                                                                                                             |                                                                   |                                                                                              |                                                        |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------|
| Pilot is:                                                                                                                                                                              | Aircraft Ground Training Segment                                  | Aircraft Flight Training Segment                                                             | Aircraft Qualification Segment                         | SC Course Footprint |
| Previously qualified in SC and is outside of eligibility period for recurrent;<br><br><b>OR</b> is changing duty position from PIC to SIC and is <u>≤ 35 months</u> past due month.    | All recurrent ground training elements.<br><br>16 training hours. | All recurrent flight training elements.<br><br>12 training hours plus qualification segment. | 135.293(a)(2) & 135.293(b) & 135.297*<br><br>*PIC only | 2                   |
| Previously qualified in SC and is outside of eligibility period for recurrent;<br><br><b>OR</b> is changing duty position from PIC to SIC and is <u>&gt; 35 months</u> past due month. | SAME AS INITIAL EQUIPMENT TRAINING AND QUALIFICATION              |                                                                                              |                                                        | 2                   |
| Other                                                                                                                                                                                  | SAME AS INITIAL EQUIPMENT TRAINING AND QUALIFICATION              |                                                                                              |                                                        | 1                   |

**NOTE:** §135.299 Qualification is operator specific and not included in this table.

## 6 Course Contents

Each instructor, supervisor or check pilot will certify the proficiency and knowledge of each crewmember upon completion of required training or checking in accordance with §135.323(c). This certification may occur at any time when the instructor believes that the individual has reached the required level of proficiency during his or her scheduled training, provided that all elements and events of the approved training program have been successfully trained.

### 6.1 Course 1 Training Hours Summary

| Course 1         |               |
|------------------|---------------|
| Day 1            | Planned Hours |
| Aircraft General | 1.0           |

|                                                     |                      |
|-----------------------------------------------------|----------------------|
| Aircraft Manuals                                    | 1.0                  |
| Auxiliary Power Unit                                | 1.0                  |
| Electrical                                          | 3.0                  |
| Powerplant                                          | 1.5                  |
| <b>Day 2</b>                                        | <b>Planned Hours</b> |
| Oil System                                          | 0.5                  |
| Fuel System                                         | 1.5                  |
| Hydraulic System                                    | 1.0                  |
| Landing Gear and Brakes                             | 1.0                  |
| Thrust Reverse                                      | 0.5                  |
| Pneumatic and Environmental Systems                 | 1.5                  |
| <b>Day 3</b>                                        | <b>Planned Hours</b> |
| Avionics                                            | 8.0                  |
| <b>Day 4</b>                                        | <b>Planned Hours</b> |
| Ice Protection                                      | 1.0                  |
| Oxygen                                              | 1.0                  |
| Pitot-static System                                 | 0.5                  |
| Flight Controls                                     | 1.5                  |
| Fire and Smoke Detection Protection and Suppression | 0.5                  |
| <b>Day 5</b>                                        | <b>Planned Hours</b> |
| Lighting                                            | 0.5                  |
| Flight Profiles and Maneuvers                       | 2.0                  |
| CRM                                                 | 4.0                  |
| Windshear                                           | 1.0                  |
| <b>Day 6</b>                                        | <b>Planned Hours</b> |
| Weight and Balance                                  | 1.0                  |
| Flight Planning and Performance                     | 2.0                  |
| MEL and CDL                                         | 0.5                  |
| Preflight                                           | 1.5                  |
| Ground School Completion Exam                       | 1.0                  |
| <b>Day 9</b>                                        | <b>Planned Hours</b> |
| SIT 1*                                              |                      |
| <b>Day 10</b>                                       | <b>Planned Hours</b> |
| SIT 2*                                              |                      |
| <b>Day 11</b>                                       | <b>Planned Hours</b> |
| SIT 3*                                              |                      |

### ***1.2 Course 2 Training Hours Summary***

| <b>Course 2</b>  |               |                            |
|------------------|---------------|----------------------------|
| <b>Day 1</b>     | <b>Ground</b> | <b>Systems Integration</b> |
| Aircraft Manuals | 8.0           | 0.0                        |

|                                                      |               |                            |
|------------------------------------------------------|---------------|----------------------------|
| MEL and CDL                                          |               |                            |
| CRM                                                  |               |                            |
| Aircraft General                                     |               |                            |
| Weight and Balance                                   |               |                            |
| Flight Planning and Performance                      |               |                            |
| Flight Profiles and Maneuvers                        |               |                            |
| Avionics and Communications                          |               |                            |
| Windshear                                            |               |                            |
| Lighting                                             |               |                            |
| Auxiliary Power Unit                                 |               |                            |
| Electrical System                                    |               |                            |
| <b>Day 2</b>                                         | <b>Ground</b> | <b>Systems Integration</b> |
| Avionics and Communications                          | 8.0           | 0.0                        |
| Powerplant                                           |               |                            |
| Oil System                                           |               |                            |
| Thrust Reverse                                       |               |                            |
| Fuel System                                          |               |                            |
| Hydraulic System                                     |               |                            |
| Landing Gear and Brakes                              |               |                            |
| Fire and Smoke Detection, Protection and Suppression |               |                            |
| Flight Controls                                      |               |                            |
| Pneumatic and Environmental Systems                  |               |                            |
| Pitot-static System                                  |               |                            |
| Ice Protection                                       |               |                            |
| Oxygen                                               |               |                            |
| Ground School Completion Exam                        |               |                            |

| <b>Simulator Session 1</b>                  | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|---------------------------------------------|--------------|-------------|---------------|
| Interior preflight and prestart procedures  | 2.0          | 4.0         | 4.0           |
| Powerplant Start                            |              |             |               |
| Taxi                                        |              |             |               |
| Before Takeoff Checks                       |              |             |               |
| Normal Takeoff and Climb with Crosswind     |              |             |               |
| Departure Procedures                        |              |             |               |
| Steep Turns                                 |              |             |               |
| Recovery From Unusual Flight Attitudes      |              |             |               |
| Clean configuration stall prevention        |              |             |               |
| Partial Flap Configuration Stall Prevention |              |             |               |
| Landing Configuration Stall Prevention      |              |             |               |

| Simulator Session 1                        | Brief | Crew | Single |
|--------------------------------------------|-------|------|--------|
| Arrival Procedures                         |       |      |        |
| Precision Approach                         |       |      |        |
| Missed Approach                            |       |      |        |
| Go-Around/Rejected Landing                 |       |      |        |
| Approach and landing with pitch mistrim    |       |      |        |
| Landing From a Precision Approach          |       |      |        |
| Normal Approach and Landing with Crosswind |       |      |        |
| After landing, parking and securing        |       |      |        |

| Simulator Session 2                                 | Brief | Crew | Single |
|-----------------------------------------------------|-------|------|--------|
| Taxi                                                | 2.0   | 4.0  | 4.0    |
| Instrument takeoff                                  |       |      |        |
| Windshear escape maneuver during take off           |       |      |        |
| Stall Prevention and Recovery                       |       |      |        |
| EGPWS escape maneuver                               |       |      |        |
| TCAS Traffic Advisory (TA)                          |       |      |        |
| TCAS Resolution Advisory (RA)                       |       |      |        |
| Decompression                                       |       |      |        |
| Emergency Descent                                   |       |      |        |
| Nonprecision Approach                               |       |      |        |
| Missed Approach                                     |       |      |        |
| Holding                                             |       |      |        |
| Inflight Powerplant Failure and Restart             |       |      |        |
| Circling Approach                                   |       |      |        |
| Go-Around/Rejected Landing                          |       |      |        |
| Landing From a Circling Approach                    |       |      |        |
| Visual Approach (VFR Procedures)                    |       |      |        |
| Windshear escape maneuver during landing            |       |      |        |
| Landing from a No Flap or Nonstandard Flap Approach |       |      |        |

| Simulator Session 3                                         | Brief | Crew | Single |
|-------------------------------------------------------------|-------|------|--------|
| Taxi                                                        | 2.0   | 4.0  | 4.0    |
| Rejected Takeoff                                            |       |      |        |
| Instrument Takeoff                                          |       |      |        |
| Powerplant Failure During Takeoff at V1                     |       |      |        |
| Airframe icing                                              |       |      |        |
| Precision Approach with Powerplant Failure (manual control) |       |      |        |
| Missed Approach - OEI                                       |       |      |        |

|                                                                                             |  |  |  |
|---------------------------------------------------------------------------------------------|--|--|--|
| Precision Approach                                                                          |  |  |  |
| Landing From a Precision Approach                                                           |  |  |  |
| Lower than Standard Minimum Takeoff                                                         |  |  |  |
| Powerplant Failure During Second Segment                                                    |  |  |  |
| OEI Climb to En Route Altitude                                                              |  |  |  |
| Nonprecision Approach                                                                       |  |  |  |
| Approach and Landing with a Powerplant Failure                                              |  |  |  |
| Inflight fire and smoke                                                                     |  |  |  |
| Flight by reference to standby flight instruments, backup instrumentation, or partial panel |  |  |  |
| Emergency evacuation                                                                        |  |  |  |

### ***6.3 Operational Procedures***

Procedures to be used for curriculum development and implementation by training centers will be those outlined in the recommended HS-125 Standardized Maneuvers and Call Outs.

### ***6.4 Pilot Flying (PF) and Pilot Monitoring (PM) Duties***

Crewmembers should be able to perform either PF or PM duties, unless otherwise limited by the operator's policies or aircraft characteristics (e.g., single HUD).

### ***6.5 Training Environment***

Ground curriculum instruction may take place in any combination of four operational environments, as approved by the relevant CMO. In accordance with guidance in the Order 8900.1, a ground school instructor will always be available while distance learning is taking place. Creation of courseware to support the curriculum operating environment is the responsibility of the training provider.

1. Asynchronous distance learning with validation exam upon arrival at the center
2. Synchronous distance learning with validation exam upon arrival at the center
3. On-site computer-based training with ground school completion exam
4. On-site instructor led training with ground school completion exam

Air carriers operating under part 135 and adopting the standardized curriculum may conduct the ground curriculum segment in any operational environment for which the training provider is approved. Flight training curriculum segments will be conducted using regionally relevant airports appropriate to the flight training equipment in use. Training will take place during marginal VMC and IMC conditions, icing and non-icing conditions. Training will include operations in temperatures/elevations sufficient to reduce aircraft performance. Approach training relevant to all installed equipment will be conducted and simulator plans of action will be drafted by each training provider as appropriate to the FTE in use.



### **6.6 Operational/Simulated Systems Requirements**

The training program must contain a flight check in the aircraft or a check in the simulator or training device to the level of proficiency of a pilot in command or second in command, as applicable, in at least the maneuvers and procedures that are capable of being performed in an aircraft simulator or training device.

Flight training and part-task training conducted under the curriculums in this chapter will be accomplished in one of the following FAA-approved devices:

- HS-125 Flight Simulation Training Device (FSTD)
- Other training device, mockup, system trainer, procedures trainer, simulator or training aid

**NOTE:** A current copy of the Statement of Qualification for each FAA-approved FSTD should be available from the 142 Training Center.

## **7 Types of Instrument Procedures, Conditions, and Minima to Be Addressed**

Maneuvers and procedures trained should be tailored to the types of instrument procedures used by the operator, the environment in which they are flown, the airborne and ground equipment required for each type of operation, and any special considerations that may apply. Operating policies, procedures, and documentation applicable to the operator should be used. Training and evaluation should ensure that procedures can be safely flown considering the following factors:

1. Types of instrument procedures used (standard and special, lowest straight-in, or circling minima, if applicable);
2. The operator's manuals, charts, and checklists;
3. Aircraft type(s) model and/or series flown;
4. Flight guidance and/or visual system(s) and their corresponding category(s) of minima for each authorized system;
5. NAVAID(s) and visual aids used (LVO/SMGCS lighting if applicable);
6. Flightcrew procedures used (e.g., PF/PM duties or call-outs);
7. Airport and runway characteristics typically experienced;
8. Nearby critical terrain or obstruction environment;
9. Relevant normal, non-normal, and environmental conditions. Training and evaluation need only be conducted using relevant and representative procedures and conditions as allowed by the flight training equipment used (e.g., a representative mix of day, night, dusk, variable/patchy conditions, representative temperatures, landing runway altitudes, precipitation conditions, turbulence, and icing conditions); and
10. When multiple types of equipment, flight guidance, and/or systems are used (e.g., FD, SVGS, HUD, autoland, RA), training programs should address each combination of equipment and category of minima. For example, if the operator is

authorized to conduct SA CAT I approaches using HUD and CAT II approaches using autoland, training should address each authorized combination separately.

### ***7.1 Guidance for RNAV and ILS Instrument Approaches***

Note: No special crew qualifications, other than those necessary for Area Navigation (RNAV) and Instrument Landing System (ILS) Instrument approaches, are currently specified for WAAS operations. If RNAV approaches are already integrated into a current training program, operators are not required to have a separate program to incorporate localizer performance with vertical guidance (LPV) and LP specific training elements from AC 90-107.

In the absence of a training program, operators should use this guidance to develop their training curriculum and document the training as outlined in subparagraph 9b.

### ***7.2 WAAS Training Documentation***

Parts 135 operators' applications for operational approval to use WAAS without restrictions or limitations on Instrument Approach Procedures (IAPs) should include documentation of the Wide Area Augmentation System (WAAS)-related training provided to flight crews, dispatchers and maintenance personnel, as appropriate.

### ***7.3 Continuous Descent Final Approach (CDFA) Pilot Knowledge and Training***

Pilots should be familiar with the information in AC 120-108 prior to conducting the operations discussed herein. For parts 135 operators, the approved operating procedures and training program should address the elements listed in AC 120-108. A review of applicable portions of the Pilot Knowledge Requirements and Training section in AC 90-100 is also recommended.

### ***7.4 CAT I Qualification***

Training, testing, checking, and evaluation for CAT I are basic to qualification for instrument flight rules (IFR) operations and should be accomplished in conjunction with basic aircraft type, model and/or series qualification. Training, testing, and evaluation should ensure each pilot has the necessary knowledge and skill appropriate to the type of qualification being completed. If CAT I Landing Minima with Reduced Lighting (Runway Visual Range (RVR) 1800) authorization is sought, flight crews must demonstrate proficiency in approaches to authorized minima using the FD, AP, or HUD as applicable.

## **8 Required Navigation Performance (RNP) Training**

Parts 135 operators should have a training program addressing the operational practices, procedures and training items related to Required Navigation Performance (RNP) operations (e.g., initial, upgrade, or recurrent training for flight crew, operational control personnel, and maintenance personnel).

**NOTE:** A separate training program is not required if RNP training is integrated in the current training program. However, the applicant must identify the elements required training elements from AC 90-105 within the existing training program.

## 9 Data Link Communications

Part 135 operators should have a training program addressing the operational practices, procedures, and training items related to data link communication operations (e.g., initial, upgrade, or recurrent training for pilots, operational control personnel, and maintenance personnel). If criteria for training or checking are other than as specified in AC 90-117, the criteria may be found in Flight Standardization Board (FSB) reports applicable to a particular aircraft type.

**NOTE:** A separate training program is not required if data link communication training is integrated in the current training program. However, the applicant must identify the training elements from AC 90-117 within the existing training program.

Parts 135 operators should ensure their process contains training for pilots on equipment requirements, normal and non-normal operations and procedures, and limits of their data link communication capability. Pilots must receive data communications training specific to the avionics suite they will be operating. A common type rating does not guarantee the pilot has received training on the data communications equipment installed on a particular aircraft.

Operators should include the following objectives to ensure appropriate pilot data link communications qualification: (1) Provide necessary pilot knowledge of data link performance-based communication and surveillance concepts, systems, procedures, and skills to properly respond to data link communication clearances and advisories; and (2) Identify human factor issues specific to pilot operation and interaction with the communication software, hardware, and operating environment (e.g., head-down time, situational awareness, or loss of pilot response time in the Required Communication Performance (RCP) specification).

## 10 Testing and Checking

The training program must contain a flight check in the aircraft or a check in the simulator or training device to the level of proficiency of a pilot in command or second in command, as applicable, in at least the maneuvers and procedures that are capable of being performed in an aircraft simulator or training device.

Testing and checking conducted under the training curriculums in this chapter will be accomplished in an FAA-approved FSTD.

### ***10.1 Added Type Rating Practical Test §61.157***

The objective of the added type rating practical test is to ensure the pilot is eligible to receive a HS-125 type rating on his or her ATP Certificate.

The pilot must successfully complete the added type rating practical test qualification segment and receive a HS-125 type rating.

The added type rating practical test may be administered by an FAA Inspector or a contract training provider Training Center Evaluator.

### ***10.2 Pilot Testing §135.293***

The objective of the pilot testing qualification segment is to test the pilot's knowledge of general operating subjects and aircraft-specific systems, procedures and limitations, as well as ensure the pilot possesses the skills necessary to perform the maneuvers and procedures for the operations authorized and appropriate to the category, class and type of aircraft involved.

#### **10.2.1 Aircraft Knowledge Test Modules §135.293(a)(2) & (3)**

The scope of the oral/written portion of the aircraft knowledge test is defined by regulation. The items that will be evaluated during the oral portion of the practical test/proficiency check are specified in the 14 CFR parts and the Airline Transport Pilot (ATP) and Aircraft Type Rating Practical Test Standards for Airplane (ATP PTS). The aircraft knowledge testing modules may be administered by a Standardized Curriculum Check Pilot or FAA Inspector.

Once every 12 calendar months, each pilot qualified in an aircraft type is required to pass a written or oral test on that pilot's knowledge in aircraft-specific areas.

#### **10.2.2 Aircraft Competency Check Modules §135.293(b)**

Every twelve months, a pilot qualified in an aircraft type is required to complete an aircraft competency check in that type of aircraft. The aircraft competency check may include any of the maneuvers and procedures currently required for the original issuance of the particular pilot certificate required for the operations authorized and appropriate to the category, class and type of aircraft involved. The aircraft competency check qualification modules may be administered by a Contract Provider Check Airman or FAA Inspector.

Note: The instrument proficiency check required by §135.297 may be substituted for the aircraft competency check for the type of aircraft used in the check in accordance with §135.293(c).

### ***10.3 Instrument Proficiency Check §135.297***

The objective of the instrument proficiency check qualification segment is to ensure the pilot possesses the knowledge and skills necessary to perform the duties and responsibilities of a PIC under IFR.

The pilot must have completed an instrument proficiency check within the preceding six months to continue IFR revenue operations. If the pilot is assigned to more than one type of aircraft, that pilot must take the instrument proficiency check in each type of aircraft to which that pilot is assigned, in rotation, but not more than one flight check is required during each six-month period.

The instrument proficiency check qualification modules may be administered by a Standardized Curriculum Check Pilot or FAA Inspector.

#### ***10.4 Seat Dependent Checking***

To ensure pilots are qualified for the flightcrew assignment and duty position each pilot will be assigned in the aircraft, pilots should demonstrate proficiency during qualification checking modules as follows:

1. A PIC who is only assigned PF from the left seat will undergo qualification checks from the left seat.
2. A SIC who is only assigned to the right seat will undergo qualification checks from the right seat.
3. A PIC who is assigned to left and right seat duty positions will demonstrate all PF duties from the left seat during qualification and train rejected takeoff, V1 cut, single engine approach to miss, and single engine landing from the right seat.
4. A SIC who is assigned to the left and right seat will demonstrate PF duties during qualification events from the left seat and demonstrate proficiency in all maneuvers required of a PIC.

**NOTE:** A SIC qualified to operate in both seats may document training in both (e.g., Nosewheel Steering Tiller – left seat) but is only required to demonstrate proficiency in the left seat.

#### ***10.5 PIC Qualification Checking Modules***

The qualification segments in this curriculum include the testing and checking modules used to determine successful completion of the applicable curriculum. The pilot must complete the training set forth in the curriculum within the required eligibility period in order to be eligible for a qualification segment.

| <b>Tasks</b>                               | <b>§135.297(c)/<br/>§135.293(a)(2), (b)<br/>PIC Qualification</b> |
|--------------------------------------------|-------------------------------------------------------------------|
| Checking Module: Preflight Inspection      | Per ATP and Type Rating ACS                                       |
| Checking Module: Start Procedures          | Per ATP and Type Rating ACS                                       |
| Checking Module: Taxiing/Runway Operations | Per ATP and Type Rating ACS                                       |
| Checking Module: Pretakeoff Checks         | Per ATP and Type Rating ACS                                       |
| Checking Module: Normal Takeoff            | Per ATP and Type Rating ACS                                       |

| <b>Tasks</b>                                             | <b>§135.297(c)/<br/>§135.293(a)(2), (b)<br/>PIC Qualification</b> |
|----------------------------------------------------------|-------------------------------------------------------------------|
| Checking Module: Crosswind Takeoff                       | Per ATP and Type Rating ACS                                       |
| Checking Module: Instrument Takeoff                      | Per ATP and Type Rating ACS                                       |
| Checking Module: Takeoff with Powerplant Failure         | Per ATP and Type Rating ACS                                       |
| Checking Module: Rejected Takeoff                        | Per ATP and Type Rating ACS                                       |
| Checking Module: Area Departure                          | Per ATP and Type Rating ACS                                       |
| Checking Module: Steep Turns                             | Per ATP and Type Rating ACS                                       |
| Checking Module: Stall Prevention (Approaches to Stalls) | Per ATP and Type Rating ACS                                       |
| Checking Module: Powerplant Failure                      | Per ATP and Type Rating ACS                                       |
| Checking Module: Area Arrival                            | Per ATP and Type Rating ACS                                       |
| Checking Module: Holding                                 | Per ATP and Type Rating ACS                                       |
| Checking Module: Normal ILS Approach                     | Per ATP and Type Rating ACS                                       |
| Checking Module: Engine-out ILS                          | Per ATP and Type Rating ACS                                       |
| Checking Module: Coupled Approach                        | Per ATP and Type Rating ACS                                       |
| Checking Module: Nonprecision Approach                   | Per ATP and Type Rating ACS                                       |
| Checking Module: Second Nonprecision Approach            | Per ATP and Type Rating ACS                                       |
| Checking Module: Missed Approach from an ILS             | Per ATP and Type Rating ACS                                       |
| Checking Module: Second Missed Approach                  | Per ATP and Type Rating ACS                                       |
| Checking Module: Circling Approach                       | Per ATP and Type Rating ACS                                       |
| Checking Module: Normal Landing                          | Per ATP and Type Rating ACS                                       |
| Checking Module: Crosswind Landing                       | Per ATP and Type Rating ACS                                       |

| <b>Tasks</b>                                  | <b>§135.297(c)/<br/>§135.293(a)(2), (b)<br/>PIC Qualification</b> |
|-----------------------------------------------|-------------------------------------------------------------------|
| Checking Module: Landing from an ILS          | Per ATP and Type Rating ACS                                       |
| Checking Module: Landing with an Engine Out   | Per ATP and Type Rating ACS                                       |
| Checking Module: Circling Approach to Landing | Per ATP and Type Rating ACS                                       |
| Checking Module: Rejected Landing             | Per ATP and Type Rating ACS                                       |
| Checking Module: No-flap Approach to Landing  | Per ATP and Type Rating ACS                                       |
| Checking Module: System Malfunction           | Per ATP and Type Rating ACS                                       |
| Checking Module: Maneuver by Partial Panel    | Per ATP and Type Rating ACS                                       |
| Checking Module: Unusual Attitude Recovery    | Per ATP and Type Rating ACS                                       |

### ***10.6 SIC Qualification Checking Modules***

The qualification segments in this curriculum include the testing and checking modules used to determine successful completion of the applicable curriculum. The pilot must complete the training set forth in the curriculum within the required eligibility period in order to be eligible for a qualification segment.

| <b>Tasks</b>                               | <b>SIC Qualification<br/>135.293(a)(2)<br/>and (b)</b> | <b>SIC Qualifications<br/>Checking Modules<br/>added by TSWG<br/>Recommendation:</b> |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------|
| Checking Module: Preflight Inspection      | Per ATP and Type Rating ACS                            |                                                                                      |
| Checking Module: Start Procedures          | Per ATP and Type Rating ACS                            |                                                                                      |
| Checking Module: Taxiing/Runway Operations | Per ATP and Type Rating ACS                            |                                                                                      |

| <b>Tasks</b>                                             | <b>SIC Qualification 135.293(a)(2) and (b)</b> | <b>SIC Qualifications Checking Modules added by TSWG Recommendation:</b> |
|----------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------|
| Checking Module: Pretakeoff Checks                       | Per ATP and Type Rating ACS                    |                                                                          |
| Checking Module: Normal Takeoff                          | Per ATP and Type Rating ACS                    |                                                                          |
| Checking Module: Crosswind Takeoff                       | Per ATP and Type Rating ACS                    |                                                                          |
| Checking Module: Instrument Takeoff                      | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: Takeoff with Powerplant Failure         | Per ATP and Type Rating ACS                    |                                                                          |
| Checking Module: Rejected Takeoff                        | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: Area Departure                          | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: Steep Turns                             | N/A                                            |                                                                          |
| Checking Module: Stall Prevention (Approaches to Stalls) | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: Powerplant Failure                      | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: Area Arrival                            | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: Holding                                 | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: Normal ILS Approach                     | Per ATP and Type Rating ACS                    |                                                                          |
| Checking Module: Engine-out ILS                          | Per ATP and Type Rating ACS                    | X                                                                        |



| <b>Tasks</b>                                  | <b>SIC Qualification 135.293(a)(2) and (b)</b> | <b>SIC Qualifications Checking Modules added by TSWG Recommendation:</b> |
|-----------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------|
| Checking Module: Coupled Approach             | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: Nonprecision Approach        | Per ATP and Type Rating ACS                    |                                                                          |
| Checking Module: Second Nonprecision Approach | N/A                                            |                                                                          |
| Checking Module: Missed Approach from an ILS  | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: Second Missed Approach       | N/A                                            |                                                                          |
| Checking Module: Circling Approach            | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: Normal Landing               | Per ATP and Type Rating ACS                    |                                                                          |
| Checking Module: Crosswind Landing            | Per ATP and Type Rating ACS                    |                                                                          |
| Checking Module: Landing from an ILS          | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: Landing with an Engine Out   | Per ATP and Type Rating ACS                    |                                                                          |
| Checking Module: Circling Approach to Landing | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: Rejected Landing             | Per ATP and Type Rating ACS                    | X                                                                        |
| Checking Module: No-flap Approach to Landing  | N/A                                            |                                                                          |
| Checking Module: System Malfunction           | Per ATP and Type Rating ACS                    |                                                                          |

| <b>Tasks</b>                               | <b>SIC Qualification 135.293(a)(2) and (b)</b> | <b>SIC Qualifications Checking Modules added by TSWG Recommendation:</b> |
|--------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------|
| Checking Module: Maneuver by Partial Panel | Per ATP and Type Rating ACS                    |                                                                          |
| Checking Module: Unusual Attitude Recovery | Per ATP and Type Rating ACS                    |                                                                          |

## 11 Training Segments

The objective of this curriculum is to provide adequate training to enable a pilot to understand the specific airplane systems and performance parameters.

### ***11.1 Ground Training Segment***

The primary objective of aircraft ground training is to provide pilots with the necessary knowledge for understanding the basic functions of aircraft systems, the use of the individual system components and the integration of aircraft systems and operational procedures.

Instruction on each aircraft system must be given in sufficient detail to ensure the pilot clearly understands system components, limitations, relevant controls, actuators, annunciators, and procedures for various system configurations. The pilot will also become familiar with the normal, abnormal and emergency operations of each aircraft system.

### ***11.2 Systems Integration***

Systems integration training provides the pilot with training on how aircraft systems interrelate with respect to normal, abnormal, and emergency procedures. System integration training includes flightcrew interaction in the use of checklists, CRM, and other operational procedures.

Effective systems integration training serves as a logical bridge between conventional ground training instructional delivery methods and flight training. This training allows students to become familiar with the flight deck layout, checklists, operator procedures, and other areas that are best learned before they conduct actual flight maneuvers and procedures. Pilots will perform the tasks listed in the SIT modules under the observation of an instructor or check pilot. Each pilot must demonstrate the associated learning objectives to the listed task expectation rating.

| <b>TASK EXPECTATION RATING</b>     | <b>DESCRIPTION</b>                                                                                                                                                                                                                                                |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Low</b>                         | Trainee may require a significant level of instructor intervention (e.g., demonstrations, explanations, repetitions). Applicable to the first introduction of a task, maneuver or procedure, or where a task is a "train only" item.                              |
| <b>Medium</b>                      | The trainee may require a moderate level of instructor intervention or input. Some limited assistance is required. (e.g., coaching, instructing, prompting) to correct errors or improve task performance.                                                        |
| <b>High</b>                        | Minor instructional inputs, coaching or prompting is sometimes required to enhance task performance. Applicable where the trainee should be able to demonstrate the expected level of task maneuver or procedure proficiency with minimal or no instructor input. |
| <b>Per ATP and Type Rating ACS</b> | The ATP and Type Rating ACS will be used for evaluation purposes for checking and testing during any qualification segment.                                                                                                                                       |

Note: Applied CRM is monitored/practiced in each System Integration Lesson/Flight Simulator/Aircraft Module. Areas of applied CRM include checklist utilization, briefings, decision making, stress management, communications, use of automation, and situational awareness.

### ***11.3 Flight Training Segment***

The primary objective of flight training is to provide an opportunity for pilots to acquire the skills and knowledge necessary to perform to the ATP and Type Rating ACS. This provides for demonstration, instruction and practice of maneuvers and procedures (training events) pertinent to the pilot duty position in the HS-125.

The training flight will emphasize cold and hot weather operations in accordance with the AFM and AOM.

General briefing notes should include: Standards, expectations, SOPs, Crew interactions, overview of events, location of start point, applicable systems, weather, and common errors.

Pilots will perform the tasks listed in in the flight training modules under the observation of an instructor or check pilot. Each pilot must demonstrate the associated learning objectives to the listed task expectation rating.

| <b>TASK EXPECTATION RATION</b>     | <b>DESCRIPTION</b>                                                                                                                                                                                                                                                |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Low</b>                         | Trainee may require a significant level of instructor intervention (e.g., demonstrations, explanations, repetitions). Applicable to the first introduction of a task, maneuver or procedure, or where a task is a "train only" item.                              |
| <b>Medium</b>                      | The trainee may require a moderate level of instructor intervention or input. Some limited assistance is required. (e.g., coaching, instructing, prompting) to correct errors or improve task performance.                                                        |
| <b>High</b>                        | Minor instructional inputs, coaching or prompting is sometimes required to enhance task performance. Applicable where the trainee should be able to demonstrate the expected level of task maneuver or procedure proficiency with minimal or no instructor input. |
| <b>Per ATP and Type Rating ACS</b> | The ATP and Type Rating ACS will be used for evaluation purposes for checking and testing during any qualification segment.                                                                                                                                       |

General debriefing notes should include: Facilitated, ask the crew how they did, preview of the next day, how it was graded.

NOTE: For those curriculums that lead to the issuance of a type rating or an ATP, at least one en route segment must be flown prior to the proficiency check. This segment must include a takeoff and departure from one airport with an arrival and a landing at a second airport. This segment must be flown in real time without repositioning. Normal and abnormal procedures may be accomplished during the en route segment. This module may be used to accomplish the en route segment.

NOTE: Applied CRM is monitored/practiced in each System Integration Lesson/Flight Simulator/Aircraft Module. Areas of applied CRM include checklist utilization, briefings, decision making, stress management, communications, use of automation, and situational awareness.

#### ***11.4 Seat Dependent Training***

Pilots must receive training in seat dependent tasks in accordance with the FSB requirements as follows:

- a) Use of nose wheel steering during taxi
- b) RTO
- c) Crosswind takeoffs and landings
- d) Category (CAT) II/III Operations
- e) Engine Inoperative Landings
- f) Emergency Communications
- g) Loss of all generators

- h) Emergency descent
- i) Operation on emergency power

**NOTE:** A SIC qualified to operate in both seats will document training in both (e.g., Nosewheel Steering Tiller – left seat) but is only required to demonstrate proficiency in the left seat.

**NOTE:** A PIC who is assigned to left and right seat duty positions will demonstrate all PF duties from the left seat during qualification and train rejected takeoff, V1 cut, single engine approach to miss, and single engine landing from the right seat.

### 11.5 Training Course Outlines

The curricula outlines include the planned training hours that will be applied to each curriculum segment. Planned hours for flight training modules do not include preflight/post-flight briefings.

| Course 1                                            |               |        |                     |
|-----------------------------------------------------|---------------|--------|---------------------|
| Day 1                                               | Planned Hours | Ground | Systems Integration |
| Aircraft General, Water and Waste                   | 1.0           | 8.0    |                     |
| Aircraft Manuals                                    | 1.0           |        |                     |
| Auxiliary Power Unit                                | 1.0           |        |                     |
| Electrical                                          | 3.0           |        |                     |
| Powerplant                                          | 2.0           |        |                     |
| Day 2                                               | Planned Hours | Ground | Systems Integration |
| Oil System                                          | 0.5           | 8.0    |                     |
| Fuel System                                         | 1.5           |        |                     |
| Hydraulic System                                    | 1.0           |        |                     |
| Landing Gear and Brakes                             | 1.5           |        |                     |
| Thrust Reverse                                      | 1.0           |        |                     |
| Pneumatic and Environmental Systems                 | 2.5           |        |                     |
| Day 3                                               | Planned Hours | Ground | Systems Integration |
| Avionics                                            | 8.0           | 8.0    |                     |
| Day 4                                               | Planned Hours | Ground | Systems Integration |
| Ice Protection                                      | 1.7           | 8.0    |                     |
| Oxygen                                              | 1.0           |        |                     |
| Pitot-static System                                 | 0.8           |        |                     |
| Flight Controls                                     | 3.0           |        |                     |
| Fire and Smoke Detection Protection and Suppression | 1.5           |        |                     |
| Day 5                                               | Planned Hours | Ground | Systems Integration |

|                                 |                      |               |                            |
|---------------------------------|----------------------|---------------|----------------------------|
| Lighting                        | 0.8                  | 8.0           |                            |
| Flight Profiles and Maneuvers   | 2.0                  |               |                            |
| CRM                             | 4.0                  |               |                            |
| Windshear                       | 1.2                  |               |                            |
| <b>Day 6</b>                    | <b>Planned Hours</b> | <b>Ground</b> | <b>Systems Integration</b> |
| Weight and Balance              | 1.0                  | 8.0           |                            |
| Flight Planning and Performance | 3.0                  |               |                            |
| MEL and CDL                     | 0.5                  |               |                            |
| Preflight                       | 2.5                  |               |                            |
| Ground School Completion Exam   | 1.0                  |               |                            |

|                                                                           |                      |               |                            |
|---------------------------------------------------------------------------|----------------------|---------------|----------------------------|
| <b>Day 7 Systems Integration 1</b>                                        | <b>Planned Hours</b> | <b>Ground</b> | <b>Systems Integration</b> |
| Interior and exterior preflight/Visual Inspection and prestart procedures | 1.0                  |               | 4.0                        |
| Powerplant Start                                                          | 0.5                  |               |                            |
| Before Takeoff Checks                                                     | 1                    |               |                            |
| Use of FMS                                                                | 1.5                  |               |                            |
| <b>Day 8 Systems Integration 2</b>                                        | <b>Planned Hours</b> | <b>Ground</b> | <b>Systems Integration</b> |
| Interior preflight and prestart procedures                                | 0.4                  |               | 4.0                        |
| Powerplant Start                                                          | 0.2                  |               |                            |
| Before Takeoff Checks                                                     | 0.3                  |               |                            |
| Normal Takeoff and Climb                                                  | 0.3                  |               |                            |
| Departure Procedures                                                      | 0.2                  |               |                            |
| Holding                                                                   | 0.3                  |               |                            |
| Normal Approach and Landing                                               | 0.3                  |               |                            |
| Instrument Takeoff                                                        | 0.3                  |               |                            |
| Arrival Procedures                                                        | 0.3                  |               |                            |
| Precision Approach                                                        | 0.3                  |               |                            |
| Missed Approach                                                           | 0.3                  |               |                            |
| Non-precision Approach                                                    | 0.3                  |               |                            |
| Go-Around/Rejected Landing                                                | 0.2                  |               |                            |
| Landing From a Precision Approach                                         | 0.1                  |               |                            |
| After Landing, Parking and Securing                                       | 0.2                  |               |                            |

|                                            |                      |               |                            |
|--------------------------------------------|----------------------|---------------|----------------------------|
| <b>Day 9 Systems Integration 3</b>         | <b>Planned Hours</b> | <b>Ground</b> | <b>Systems Integration</b> |
| Interior preflight and prestart procedures | 0.2                  |               | 4.0                        |
| Powerplant Start                           | 0.1                  |               |                            |
| Before Takeoff Checks                      | 0.2                  |               |                            |
| Rejected Takeoff                           | 0.1                  |               |                            |
| Powerplant Failure During Takeoff at V1    | 0.2                  |               |                            |

| Day 9 Systems Integration 3              | Planned Hours | Ground | Systems Integration |
|------------------------------------------|---------------|--------|---------------------|
| Powerplant Failure During Second Segment | 0.2           |        |                     |
| Missed Approach - OEI                    | 0.3           |        |                     |
| Normal Takeoff and Climb                 | 0.2           |        |                     |
| Departure Procedures                     | 0.2           |        |                     |
| Holding                                  | 0.2           |        |                     |
| Arrival Procedures                       | 0.3           |        |                     |
| Precision Approach                       | 0.3           |        |                     |
| Missed Approach                          | 0.3           |        |                     |
| Nonprecision Approach                    | 0.3           |        |                     |
| Go-Around/Rejected Landing               | 0.3           |        |                     |
| Landing From a Precision Approach        | 0.1           |        |                     |
| Instrument Takeoff                       | 0.2           |        |                     |
| Normal Approach and Landing              | 0.2           |        |                     |
| After landing, parking and securing      | 0.1           |        |                     |

| Simulator Session 1                         | Brief | Crew | Single                                       |
|---------------------------------------------|-------|------|----------------------------------------------|
| Interior preflight and prestart procedures  | 2.0   | 4.0  | 4.0<br>(2.0 hours of PF and 2.0 Hours of PM) |
| Powerplant start                            |       |      |                                              |
| Taxi                                        |       |      |                                              |
| Before takeoff checks                       |       |      |                                              |
| Normal takeoff and climb                    |       |      |                                              |
| Departure procedures                        |       |      |                                              |
| Steep turns                                 |       |      |                                              |
| Clean configuration stall prevention        |       |      |                                              |
| Partial flap configuration stall prevention |       |      |                                              |
| Landing configuration stall prevention      |       |      |                                              |
| Recovery from unusual flight attitudes      |       |      |                                              |
| Arrival procedures                          |       |      |                                              |
| Normal approach and landing                 |       |      |                                              |
| Go around/rejected landing                  |       |      |                                              |
| Precision approach                          |       |      |                                              |
| Missed approach                             |       |      |                                              |
| Landing from a precision approach           |       |      |                                              |
| After landing, parking and securing         |       |      |                                              |

| Simulator Session 2                 | Brief | Crew | Single |
|-------------------------------------|-------|------|--------|
| Powerplant start                    | 2.0   | 4.0  | 2.0    |
| Taxi                                |       |      |        |
| Before takeoff checks               |       |      |        |
| Lower than Standard Minimum Takeoff |       |      |        |
| Departure procedures                |       |      |        |

| <b>Simulator Session 2</b>              | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|-----------------------------------------|--------------|-------------|---------------|
| TCAS resolution advisory (RA)           |              |             |               |
| TCAS resolution advisory (TA)           |              |             |               |
| Inflight powerplant failure and restart |              |             |               |
| Holding                                 |              |             |               |
| Non precision approach                  |              |             |               |
| Missed approach                         |              |             |               |
| Visual approach                         |              |             |               |
| Normal approach and landing             |              |             |               |

| <b>Simulator Session 3</b>                                                                  | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|---------------------------------------------------------------------------------------------|--------------|-------------|---------------|
| Taxi                                                                                        | 2.0          | 4.0         | 2.0           |
| Before takeoff checks                                                                       |              |             |               |
| Instrument takeoff                                                                          |              |             |               |
| Powerplant Failure During Takeoff at V1                                                     |              |             |               |
| Departure procedures                                                                        |              |             |               |
| Arrival procedures                                                                          |              |             |               |
| Precision Approach with Powerplant Failure (manual control)                                 |              |             |               |
| Missed approach OEI                                                                         |              |             |               |
| Approach and landing with a powerplant failure                                              |              |             |               |
| Rejected takeoff                                                                            |              |             |               |
| Normal takeoff and climb                                                                    |              |             |               |
| Inflight Powerplant Failure and Restart                                                     |              |             |               |
| Holding                                                                                     |              |             |               |
| Inflight fire and smoke                                                                     |              |             |               |
| Flight by reference to standby flight instruments, backup instrumentation, or partial panel |              |             |               |
| Non precision approach                                                                      |              |             |               |
| Airframe icing                                                                              |              |             |               |
| Visual approach                                                                             |              |             |               |
| Normal approach and landing                                                                 |              |             |               |
| Emergency evacuation                                                                        |              |             |               |

| <b>Simulator Session 4</b>                | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|-------------------------------------------|--------------|-------------|---------------|
| Taxi                                      | 2.0          | 4.0         | 2.0           |
| Before Takeoff Checks                     |              |             |               |
| Normal Takeoff and Climb                  |              |             |               |
| Windshear escape maneuver during take off |              |             |               |
| Departure Procedures                      |              |             |               |
| Steep Turns                               |              |             |               |
| Recovery From Unusual Flight Attitudes    |              |             |               |
| TCAS Traffic Advisory (TA)                |              |             |               |
| TCAS Resolution Advisory (RA)             |              |             |               |
| Non-precision Approach                    |              |             |               |



| <b>Simulator Session 4</b>                          | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|-----------------------------------------------------|--------------|-------------|---------------|
| Circling Approach                                   |              |             |               |
| Missed Approach                                     |              |             |               |
| Landing From a Circling Approach                    |              |             |               |
| Visual Approach (VFR Procedures)                    |              |             |               |
| Windshear escape maneuver during landing            |              |             |               |
| Go-Around/Rejected Landing                          |              |             |               |
| Normal Approach and Landing                         |              |             |               |
| Landing from a No Flap or Nonstandard Flap Approach |              |             |               |
| After landing, parking and securing                 |              |             |               |

| <b>Simulator Session 5</b>                                  | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|-------------------------------------------------------------|--------------|-------------|---------------|
| Interior preflight inspection and prestart procedures       | 2.0          | 4.0         | 2.0           |
| Powerplant Start                                            |              |             |               |
| Taxi                                                        |              |             |               |
| Before Takeoff Checks                                       |              |             |               |
| Rejected Takeoff                                            |              |             |               |
| Normal Takeoff and Climb                                    |              |             |               |
| Powerplant Failure During Second Segment                    |              |             |               |
| OEI Climb to En Route Altitude                              |              |             |               |
| Inflight Powerplant Failure and Restart                     |              |             |               |
| Precision Approach                                          |              |             |               |
| Landing From a Precision Approach                           |              |             |               |
| Instrument Takeoff                                          |              |             |               |
| Powerplant Failure During Takeoff at V1                     |              |             |               |
| Departure Procedures                                        |              |             |               |
| Precision Approach with Powerplant Failure (manual control) |              |             |               |
| Missed Approach - OEI                                       |              |             |               |
| Approach and Landing with a Powerplant Failure              |              |             |               |
| Stall Prevention and Recovery                               |              |             |               |
| Circling Approach                                           |              |             |               |
| Missed Approach                                             |              |             |               |
| Landing From a Circling Approach                            |              |             |               |
| Visual Approach (VFR Procedures)                            |              |             |               |
| Landing with Pitch Mistrim                                  |              |             |               |
| Inflight fire and smoke                                     |              |             |               |
| Normal Approach and Landing                                 |              |             |               |
| Emergency evacuation                                        |              |             |               |

| <b>Simulator Session 6 (LOFT)</b>                                                                                                                                                                                    | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|---------------|
| LOFT scenario shall be constructed in accordance with AC 120-35D (Flightcrew Member Line-Operational Simulations: Line-Oriented Flight Training, Special Purpose Operational Training, Line Operational Evaluation). | 2.0          | 4.0         | 4.0           |

| Course 2                                             |               |        |                     |
|------------------------------------------------------|---------------|--------|---------------------|
| Day 1                                                | Planned Hours | Ground | Systems Integration |
| Aircraft Manuals                                     | 0.25          | 8.0    | 0.0                 |
| MEL and CDL                                          | 0.25          |        |                     |
| CRM                                                  | 1.00          |        |                     |
| Aircraft General                                     | 0.75          |        |                     |
| Weight and Balance                                   | 1.00          |        |                     |
| Flight Planning and Performance                      | 1.00          |        |                     |
| Flight Profiles and Maneuvers                        | 0.50          |        |                     |
| Avionics and Communications                          | 1.50          |        |                     |
| Windshear                                            | 0.25          |        |                     |
| Lighting                                             | 0.25          |        |                     |
| Auxiliary Power Unit                                 | 0.25          |        |                     |
| Electrical System                                    | 1.00          |        |                     |
| Day 2                                                | Planned Hours | Ground | Systems Integration |
| Avionics and Communications                          | 1.00          | 8.0    | 0.0                 |
| Powerplant                                           | 1.00          |        |                     |
| Oil System                                           | 0.25          |        |                     |
| Thrust Reverse                                       | 0.50          |        |                     |
| Fuel System                                          | 0.50          |        |                     |
| Hydraulic System                                     | 0.50          |        |                     |
| Landing Gear and Brakes                              | 0.50          |        |                     |
| Fire and Smoke Detection, Protection and Suppression | 0.50          |        |                     |
| Flight Controls                                      | 0.75          |        |                     |
| Pneumatic and Environmental Systems                  | 1.00          |        |                     |
| Pitot-static System                                  | 0.25          |        |                     |
| Ice Protection                                       | 0.50          |        |                     |
| Oxygen                                               | 0.25          |        |                     |
| Ground School Completion Exam                        | 0.50          |        |                     |

| Simulator Session 1                        | Brief | Crew | Single |
|--------------------------------------------|-------|------|--------|
| Interior preflight and prestart procedures |       |      |        |
| Powerplant Start                           |       |      |        |
| Taxi                                       |       |      |        |
| Before Takeoff Checks                      |       |      |        |
| Normal Takeoff and Climb                   |       |      |        |

| <b>Simulator Session 1</b>                  | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|---------------------------------------------|--------------|-------------|---------------|
| Departure Procedures                        |              |             |               |
| Steep Turns                                 |              |             |               |
| Recovery From Unusual Flight Attitudes      |              |             |               |
| Clean Configuration Stall prevention        |              |             |               |
| Partial Flap Configuration Stall Prevention |              |             |               |
| Landing Configuration Stall Prevention      |              |             |               |
| Arrival Procedures                          |              |             |               |
| Precision Approach                          |              |             |               |
| Missed Approach                             |              |             |               |
| Go-Around/Rejected Landing                  |              |             |               |
| Landing From a Precision Approach           |              |             |               |
| Normal Approach and Landing                 |              |             |               |

| <b>Simulator Session 2</b>                          | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|-----------------------------------------------------|--------------|-------------|---------------|
| Taxi                                                |              |             |               |
| Instrument takeoff                                  |              |             |               |
| Stall Prevention and Recovery                       |              |             |               |
| TCAS Traffic Advisory (TA)                          |              |             |               |
| TCAS Resolution Advisory (RA)                       |              |             |               |
| Decompression                                       |              |             |               |
| Emergency Decent                                    |              |             |               |
| Holding                                             |              |             |               |
| Nonprecision Approach                               |              |             |               |
| Missed Approach                                     |              |             |               |
| Inflight Powerplant Failure and Restart             |              |             |               |
| Circling Approach                                   |              |             |               |
| Landing From a Circling Approach                    |              |             |               |
| Visual Approach                                     |              |             |               |
| Landing from a No Flap or Nonstandard Flap Approach |              |             |               |
| Landing with Pitch Mistrim                          |              |             |               |

| <b>Simulator Session 3</b>                                  | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|-------------------------------------------------------------|--------------|-------------|---------------|
| Taxi                                                        |              |             |               |
| Rejected Takeoff                                            |              |             |               |
| Instrument Takeoff                                          |              |             |               |
| Powerplant Failure During Takeoff at V1                     |              |             |               |
| Airframe icing                                              |              |             |               |
| Precision Approach with Powerplant Failure (manual control) |              |             |               |
| Missed Approach - OEI                                       |              |             |               |

| Simulator Session 3                                                                         | Brief | Crew | Single |
|---------------------------------------------------------------------------------------------|-------|------|--------|
| Precision Approach                                                                          |       |      |        |
| Landing From a Precision Approach                                                           |       |      |        |
| Lower than Standard Minimum Takeoff                                                         |       |      |        |
| Powerplant Failure During Second Segment                                                    |       |      |        |
| OEI Climb to En Route Altitude                                                              |       |      |        |
| Nonprecision Approach                                                                       |       |      |        |
| Approach and Landing with a Powerplant Failure                                              |       |      |        |
| Inflight fire and smoke                                                                     |       |      |        |
| Flight by reference to standby flight instruments, backup instrumentation, or partial panel |       |      |        |
| Emergency evacuation                                                                        |       |      |        |

### 11.5.1 Differences Training Curricula

| Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP, Hawker 800 with Honeywell CDS/R |           |                                                       |           |         |           |          |
|--------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------|-----------|---------|-----------|----------|
| Ground                                                                                           |           | Systems Integration<br>(Requires minimum Level 4 FTD) |           | Sim     |           | Checking |
| Initial                                                                                          | Recurrent | Initial                                               | Recurrent | Initial | Recurrent |          |
| 1.0                                                                                              | 0.5       | 4.0                                                   | 1.0       | N/A     | N/A       | Level B  |

| Differences from Hawker 900XP to Hawker 800XP/850XP |           |                                                       |           |         |           |                                            |
|-----------------------------------------------------|-----------|-------------------------------------------------------|-----------|---------|-----------|--------------------------------------------|
| Ground                                              |           | Systems Integration<br>(Requires minimum Level 4 FTD) |           | Sim     |           | Checking                                   |
| Initial                                             | Recurrent | Initial                                               | Recurrent | Initial | Recurrent |                                            |
| 1.0                                                 | 0.5       | 0.5                                                   | 0.5       | N/A     | N/A       | Level A<br>(Level B if IFIS 5000 equipped) |

| Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000 |           |                                                       |           |         |           |          |
|-------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------|-----------|---------|-----------|----------|
| Ground                                                                                          |           | Systems Integration<br>(Requires minimum Level 6 FTD) |           | Sim     |           | Checking |
| Initial                                                                                         | Recurrent | Initial                                               | Recurrent | Initial | Recurrent |          |

|     |     |     |     |     |     |         |
|-----|-----|-----|-----|-----|-----|---------|
| 1.0 | 0.5 | 4.0 | 1.0 | N/A | N/A | Level C |
|-----|-----|-----|-----|-----|-----|---------|

| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |           |                                                          |           |         |           |          |
|--------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------|-----------|---------|-----------|----------|
| Ground                                                                                     |           | Systems Integration<br>(Requires minimum<br>Level 4 FTD) |           | Sim     |           | Checking |
| Initial                                                                                    | Recurrent | Initial                                                  | Recurrent | Initial | Recurrent |          |
| 4.0                                                                                        | 2.0       | 4.0                                                      | 2.0       | N/A     | N/A       | Level B  |

| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |           |                                                          |           |         |           |          |
|------------------------------------------------------------------------------------|-----------|----------------------------------------------------------|-----------|---------|-----------|----------|
| Ground                                                                             |           | Systems Integration<br>(Requires minimum<br>Level 4 FTD) |           | Sim     |           | Checking |
| Initial                                                                            | Recurrent | Initial                                                  | Recurrent | Initial | Recurrent |          |
| 4.0                                                                                | 2.0       | 4.0                                                      | 2.0       | N/A     | N/A       | Level B  |

## **Appendix F – HS-125 Standardized Operating Procedures, Maneuvers, and Callouts**

# HS-125 Standardized Curriculum



## 1 Introduction

Standard Operating Procedures (SOPs) are essential to the safety of flight because they provide a common methodology of flying the aircraft. Compliance with SOPs means following the appropriate procedure at the appropriate time. In other words, doing it the right way, every time. SOPs are an important barrier to potential crewmember errors caused by fatigue, distraction, stress, or inattention. Therefore, SOPs create a more reliable crew as these errors are more likely to be captured if nonstandard procedures are introduced into a given flight scenario. In addition, strict adherence to SOPs allows a crew to more effectively manage the flight when unforeseen issues arise such as mechanical irregularities or unexpected weather.

The crew concept is an important element of SOPs. The spirit of Crew Resource Management (CRM) is utilizing all available resources (including cabin staff) to maintain flight safety, by recognizing threats, and preventing threats from becoming errors.

There are external and internal resources available. For example, Air Traffic Control (ATC) is an external resource. ATC can provide important information about weather, traffic, and airport flow management. In addition, a Flight Service Station (FSS) can help with clearances and provide other essential information when contact with ATC is not possible (such as during ground operations).

The crew is the primary internal source of CRM. Communication is the essential element of CRM on the flight deck. Therefore, a crewmember must be able to demonstrate effective oral, non-verbal, and written communications in normal and non-normal situations. Briefings are an example of a strategy used in CRM because they create a shared mental model of how a flight will be managed. In addition to departure and arrival briefings, there are items that can be briefed as needed, in real time during the flight. For example, if a crossing restriction is issued, the pilot flying (PF) should brief the pilot monitoring (PM) how they intend to meet the restriction. Briefings give the PM an opportunity to remind the PF of the plan in case of distractions.

Even though the pilot in command (PIC) is responsible for the conduct of the flight, the second in command (SIC) must offer input to address any questions or concerns regarding the condition and safety of that flight. It's important to remember that each crewmember can communicate identifiable conditions which may interfere with the safe outcome of a flight. Just as the PIC should seek information from an external resource such as ATC, input from the SIC should also be sought. Again, communication and agreement between PIC and SIC are imperative.

Implementation of any procedure as an SOP is most effective when:

- The procedure is appropriate to the situation
- The procedure is practical to use
- Crewmembers understand the reasons for the procedure
- Crewmember duties are clearly delineated

- Effective training is conducted
- Adherence to the standard is emphasized by flight crews, and reinforced by instructors, check pilots, and managers alike
- Crewmembers are aware of the potential risks/hazards if SOPs are not followed

## 2 Checklists

Checklists are tools that support a flight crew's effectiveness in ensuring that all required actions are performed without omission and in an orderly manner. Effective checklists are pertinent and concise. Use them the way they are written—verbatim, smartly, and professionally. Checklists for abnormal/emergency procedures are typically presented in a Quick Reference Handbook (QRH).

Several naming conventions for checklists exist. Regardless of the convention, the execution of checklists falls into two general categories:

- Those that allow for items to be accomplished using a flow, and then verified using the appropriate checklist; and
- Those where each item is actioned in response to a challenge.

If using Flow Patterns, accomplish the cockpit setup for each phase of flight with the desired flow pattern then refer to the checklist to verify the setup. Use normal checklists as “done lists” rather than “do lists.” Flow patterns are disciplined procedures; they require pilots who understand the aircraft systems/controls and who methodically accomplish the flow pattern. For those flight departments who do not use flow patterns, the normal “Challenge -Do-Verify” method may be used.

The **Do-Verify (DV)**, also known as **Challenge and Response**, method consists of the checklist being accomplished in a variable sequence without a preliminary challenge, typically following a flow pattern. These checklists usually relate to the normal operation of the aircraft. Specific critical items are checked /cross-checked, whereby the PM reads the items to be checked and the PF confirms (visually) the proper status/configuration of the appropriate items. The DV method allows the flight crew to use flow patterns from memory to accomplish a series of actions quickly and efficiently. Each individual crewmember can work independently, which helps balance the workload between crewmembers.

The **Challenge-Do-Verify (CDV)**, also known as **Read-and-Do**, method consists of a crewmember making a challenge before an action is initiated, taking the action, and then verifying that the action item has been accomplished. This method is most effective when one crewmember issues the challenge and the second crewmember takes the action and responds to the first crewmember, verifying that the action was taken. This requires that the checklist be accomplished methodically, one item at a time, in an unvarying sequence. These types of checklists usually relate to non-normal (abnormal and emergency)



procedures for which a cockpit flow pattern performed from memory is not suitable.

Mechanical or **electronic checklists** differ in format from paper, hand-held checklists, but not in the design method or use. The actions these checklists contain and their sequencing are consistent with the paper version (when required) available to the flight crew. Some electronic checklists will have an ability to automatically detect the completion of an action based on switch position, system state, or both. In electronic checklists, the verification required may be a matter of observing that the items are complete via the display method used (for example, a completed item turns green).

## **2.1 Normal Procedures**

The normal procedures checklist should be thought of as routine in day-to-day flying. It should be accomplished using the following procedures. The application of a normal procedure checklist should be initiated (called for or requested) by the pilot flying (PF) and then read by the pilot monitoring (PM).

### **2.1.1 Checklist Initiation**

It is the PF's responsibility to call for the checklist at the appropriate time to ensure the aircraft is in correct configuration for that portion of flight. The PM will be responsible for verifying checklist items as appropriate.

If a Flow Pattern is used, the PM will generally accomplish the flow pattern and then verify that the items have been completed using the checklist. The PM then acknowledges completion of the checklist to the PF, stating "checklist complete."

If a challenge-response method is used to execute a checklist, after the PF initiates the checklist, the PM challenges by reading the checklist item aloud. The PF is responsible for verifying that the items designated as PF or seat position (i.e., LH or RH) are accomplished and for responding orally to the challenge.

Items designated on the checklist as PM or by seat position are the PM's responsibility. The PM accomplishes the item, then responds orally to their own challenge. In all cases, the response by either pilot is confirmed by the other and any disagreement is resolved prior to continuing the checklist.

After the completion of any checklist, the PM states "checklist is complete." This allows the PF to maintain situational awareness during checklist phases and prompts the PF to continue to the next checklist, if required.

If the PF fails to initiate a normal checklist at the appropriate time, good CRM practice requires that the PM suggest the initiation of the applicable checklist. Normal procedures

checklist operations should be called for in a timely manner during low-workload periods (conditions permitting) to prevent any undue pressure or possible interruption that could defeat the purpose of the checklist and potentially be detrimental to safety. For example, calling for the Before Takeoff Checklist while the PM is copying the ATC clearance is poor timing and should be avoided.

Situational awareness is not limited to only understanding the time/space relationship of the aircraft, but also includes an awareness of each crew member's current workload. Time and workload management, including the availability of the other pilot to participate, are key factors in the initiation and effective conduct of normal checklists.

## ***2.2 One Pilot in Cockpit***

The Preflight Inspection, Cockpit Preparation, Before Starting Engines and Shutdown checklist may be accomplished by one pilot alone. The Normal Engine Ground Start checklist may also be accomplished by one pilot but this is considered a non-normal procedure. A pilot that completes a checklist alone must advise the other pilot which checklist(s) has/have been completed.

## ***2.3 Both Pilots in Cockpit***

The normal method for conducting checklists in the HS-125 is using "Challenge and Response". Any response that is different from that which is listed indicates something is abnormal and must be challenged by the other crewmember before continuing. In all cases, follow specific company operating procedures when accomplishing checklists in the aircraft. When a response on a checklist is "as required" the appropriate crewmember should respond according to the actual switch position.

### **2.3.1 Omission of Checklists**

While the PF is responsible for initiating checklists, the PM should ask the PF whether a checklist should be started if, in their opinion, a checklist is overlooked. As an expression of good crew resource management, such prompting is appropriate for any flight situation.

### **2.3.2 Actioning Normal Checklists**

Critical items require a response by the PF. Less-critical items may be both challenged, completed, and responded to by the PM alone. To enhance communication and understanding between crewmembers, standard rules and phraseology should be used when conducting normal checklists:

- The challenged crewmember should respond only after verifying the required configuration and correcting any deviations from the correct settings
- If the required configuration is not possible, the challenged crewmember should clearly and completely respond by stating the actual configuration
- The challenging crewmember should always wait for a definitive response (and should cross-check the validity of the response) before moving to the next item

- For all aircraft, the crewmember responsible for reading the checklist should be responsible for ensuring that the checklist is completed systematically and expeditiously. This crewmember should be responsible for managing interruptions, cross-checking the controls and indicators to ensure that the required actions have been accomplished, and for reporting that the checklist has been completed.

**NOTE:** Some checklists include a line that defines a logical hold point to allow partial completion of the checklist. The crew can complete the checklist down to that line and then pause until further action is appropriate, and the remaining checklist items can be meaningfully completed. For those checklists, the PF would initiate the checklist by saying, “(Checklist name) to the line.” Once those items are complete, the PM should state, “(Checklist name) to the line, complete.”

### 2.3.3 Interrupting and Resuming Checklists

If a normal checklist must be interrupted for any reason, the PF should state a clear hold at the specific item in the checklist such as, “Hold checklist at (item).” An explicit call such as, “Resume (continue) checklist at (item),” should be made before the checklist is resumed.

**NOTE:** Upon resuming the normal checklist after an interruption, consideration may also be given by either the PF or PM to starting the entire checklist over, with the possible exception of electronic checklists.

### 2.3.4 Checklist Terminology

Checklist terminology is controlled to ensure clarity and common understanding between crewmembers.

- The challenges and responses on the checklist should be consistent with the labeling on the switches and controls in the cockpit
- Terms such as “tested,” “checked,” and “set” are acceptable terms only when they are clearly defined and consistently used
- This document establishes a consistent policy concerning responses to items with variable settings. “As required” may be printed on the checklist but a response that gives the actual setting is normally appropriate.
  - Items that require variable responses should be carefully evaluated. Such items may not actually be required on the checklist or may be more appropriately included in the system management portion of a checklist.
- With limited exception, when specific quantities are required, a response of “checked” is not acceptable. Responses to checklist items concerning liquid or gas quantities should be made in terms of the actual quantities on board compared to the specific quantity required, for example: “10,000 pounds required, 10,400 on board.”
  - A response of “checked” is acceptable when a range of quantity is permitted

and the range is marked on an indicator, such as a green arc on an oil quantity gauge.

- Excess verbiage on checklists should be discouraged. For example, a checklist item of “Reduce airspeed to 130 KIAS for best glide” can be abbreviated as “BEST GLIDE – 130 KIAS.”
- Ambiguous verbiage on checklists is not acceptable. For example, “takeoff power” can mean either to advance the power or to retard the power.
- Emergency procedures should be clearly defined prior to the first flight of the day to determine each crew member’s responsibilities in the event an emergency or abnormal condition arise during the flight segment(s) (e.g., crew member priorities for passenger handling, aircraft securing, etc.)

### ***2.4 Challenge/No Response***

If the PM observes and challenges a flight deviation or critical situation, the PF should respond immediately. If the PF does not respond by oral communication or action, the PM must issue a second challenge that is loud and clear. If the PF does not respond after the second challenge, the PM must ensure the safety of the aircraft, announce that they are assuming control, and then take the necessary actions to return the aircraft to a safe operating envelope.

### ***2.5 Definitions:***

LH/RH: Pilot Station

- Designation of seat position for accomplishing a given task because of proximity to the respective control/indicator. Regardless of PF or PM role, the pilot in that seat performs tasks and responds to checklist challenges accordingly.
- PF: Pilot Flying
- The pilot responsible for controlling the flight of the aircraft, either manually or through automation monitoring.
- PM: Pilot Monitoring
- The pilot who is monitoring the flight of the aircraft and actions of the PF.
- PIC: Pilot-in-Command
- The Pilot responsible for the operation and safety of an aircraft during flight time.

## **3 Briefings**

Understanding that your fellow crew members do not have an infinite attention span, a long and detailed briefing is of little value if other crew members are task saturated.

Briefings enhance standardization and open communication between flight crewmembers by setting expectations and encouraging participation and teamwork. Effective communication

requires both input and feedback. The ultimate objective is for the flight crew to know and understand the operation, not just cover a rote, generic list of items in each briefing.

A significant difference from prior briefing standards is the intentional identification of threats, and who initiates the identification of threats, relative to each phase of flight. In each briefing, the PM should identify relevant threats for the flight and open the briefing discussion with PF. A threat-based briefing concept, referred to as Threats, Plan, Considerations (TPC) has been designed to allow for the flight crewmembers to generate a discussion applicable to Threat and Error Management (TEM) in each specific phase of flight. Flight crewmembers should conduct TPC briefings in an interactive and collaborative manner, with each flight crewmember given the opportunity to give and receive input. Therefore, it is up to the flight crew to decide, based on professional judgement, what is appropriate to be discussed.

**NOTE:** It is recognized that the number and quality of threats will vary based on each flight-specific scenario, and the briefings will be scaled to account for the variability of the present conditions.

Appendix 1 provides examples of how briefings may be structured to provide a standardized approach to the TPC concept.

### ***3.1 General***

The departure Briefing should always be accomplished during a low stress environment such as on the ramp before aircraft movement. If a runway change occurs during aircraft movement, the aircraft should be stopped when possible and the Takeoff Briefing accomplished with the Parking Brake set. Loading FMS data or accomplishing a Takeoff Briefing while the aircraft is taxiing is not recommended. The Takeoff Briefing has the most variables of any crew briefing. While it is impossible to list every variable, The departure briefing is conducted by the designated PF after the threats have been identified by the PM. It enables the PF to inform the PM of the planned course of actions (e.g., expectations, roles and responsibilities, unique requirements) for both normal and abnormal conditions during takeoff.

A full briefing should be conducted during the first flight of the day. Subsequent briefings may either be abbreviated or expanded to address specific threats and/or aspects of each subsequent flight segment.

The departure briefing should be guided and illustrated by referring to the applicable flight management system (FMS) pages, paper or electronic charts, and the navigation display to visualize the departure route and confirm the applicable data entries. Crews should exercise caution to avoid the element of complacency from detracting from the departure briefing. The briefing should focus on situationally relevant considerations.

Elements of a departure briefing/aircraft set-up should include, but are not limited to, the identified threats and plan(s) to mitigate errors, as applicable, related to:

- Weather information, runway/taxiway in use, and operational factors (such as de-icing information or land-and-hold short operations in effect), and weather required for an air-return or continuation to a takeoff alternate
- Applicable NOTAMs to determine the effect of airport surface closures, construction, NAVAID outages, and airspace restrictions
- Operational impacts of weather to include use of radar, windshear recovery procedures, use of anti-icing systems
- Dispatch conditions affecting takeoff performance such as high temperature operations, cold temperature conversions, or operating in mountainous terrain
- Maintenance logbook (MEL/CDL) to determine operational impact
- Takeoff performance limitations (structural, runway, second segment climb, obstacles) as well as any specific takeoff performance limitations (minimum climb gradient needed)
- Weight and balance data
- Engine-out procedures and departure path/altitude
- Expected takeoff runway, the runway condition and wind component
- Set computed takeoff data for the prevailing conditions including slats/flaps configuration, V-speeds, thrust settings, bleed air configuration, and anti-ice
- Noise-abatement procedure
- Initial altitude, routing, airspeed, airspace restrictions, and any special considerations
- NAVAIDs as required to fly and/or cross-check the departure path including altitude constraints
- Considerations for a rejected takeoff (RTO). Unless prohibited by the OEM, either pilot may call for a rejected takeoff (RTO). The PF will initiate the abort
  - NOTE: In aircraft where a tiller is present and the PF is in a pilot station without access to, or control of, the tiller, the PM will maintain directional control of the aircraft until a safe condition is available to transfer flight controls.
- When operating an aircraft that does not have a door between the flight deck and the passenger compartment, the pilot may need to ask passengers to maintain a sterile cockpit and refrain from unnecessary conversation from the time the preflight preparations begin until the time the aircraft is clear of the terminal area and at cruising altitude. The same procedure should be followed on arrival, from the time landing preparations begin until the aircraft is safely stopped at the terminal.

### **3.2 Takeoff Briefing and the Go/No Go Decision**

#### **3.2.1 Go/No-Go Decision Criteria**

The takeoff phase is arguably the most dangerous phase of aviation. Unlike other decisions in aviation, the Go/No-Go decision to abort or continue a takeoff is almost always irrevocable once it has been made. For this reason, the need for mental preparation based on current conditions cannot be overemphasized. Since conditions can vary greatly, it is best to decide on general guidelines and principles rather than extreme levels of detail:

- The first general guideline is to recall that the only malfunction, for which an aborted takeoff must be accomplished in order to meet performance criteria, is engine failure prior to V<sub>1</sub>. An aborted takeoff for all other malfunctions or conditions is at the discretion of the PIC.
- The second guideline deals with a loss of directional control. This could happen due to many factors including engine failure, thrust reverser deployment, nosewheel steering malfunctions, etc. If any of these events occur, it would be prudent to abort the takeoff. But what if there was an indication of thrust reverser deployment, but no loss of directional control? If the takeoff is on a minimum length runway, it may be prudent to continue the takeoff since no loss of directional control would indicate an erroneous indication.
- The last general guideline is an aircraft deemed unsafe to fly. More than any other, this guideline highlights the many items that could influence the crew's decision to abort a takeoff or continue a takeoff. Given the inherent risks associated with a high-speed abort, great care must be taken when aborting the takeoff for indications alone absent any other evidence of an actual concern about the aircraft's ability to safely become airborne. This is especially critical for those situations where you are runway length limited and is approaching V<sub>1</sub>. Examples include, but are not limited to the following:
  - If the stick shaker is activated just prior to V<sub>1</sub> – is that a truly unsafe condition, or an erroneous angle of attack issue?
  - If multiple tire failures produced high vibration at V<sub>1</sub>, would you continue the takeoff, or try to stop with multiple failed tires?
  - If a red Door Open CAS message illuminates at V<sub>1</sub>, does that make the aircraft unsafe to fly?

Understanding that your fellow crew members do not have an infinite attention span, a long and detailed takeoff briefing is of little value if other crew members are not really listening. A high-speed abort can be a very serious event, and depending on runway length, weather conditions, and runway conditions, the situation can become critical.

#### **3.2.2 Takeoff Briefing**

If not previously briefed and confirmed in the departure briefing, a Takeoff Briefing should be conducted and include the following minimum items:

- Identified threats, plans, and considerations (TPC) to mitigate errors, as applicable
- Departure runway
- Departure procedure
- Power settings
- Speeds
- Abnormal or emergency procedures prior to or after reaching decision speed (i.e., RTO)
- Emergency return intentions
- Expectations of the other crewmember during the takeoff/departure

### ***3.3 Arrival/Approach Briefing***

While approach briefings are a very important part of a safe and effectively flown approach, two human factor realities must be considered: First is that the best briefings are not necessarily defined as the longest briefings. In most cases, short and to the point is better. Second is the attention and stress level of the pilot being briefed. Studies have shown that even at moderate cockpit stress levels, most of a long approach briefing will be tuned out by the other pilot as he/she attempts to manage their stress and prioritize duties.

When setting up for an arrival/approach, a standard briefing format (see below) should be used. Under normal operations, each pilot is responsible for setting up their respective radios and NAVAIDs. The PF briefs the approach/landing after transferring (monitoring) the flight controls to the PM. Emergency operations (or absence of autopilot) may require deviations from this procedure.

After confirming the correct page number and date of the approach, start on the briefing strip at the top of the approach plate, and read across. Read the initial portion of the missed approach strip. Read any special notes pertinent to the approach. End the briefing with required visibility and approach lighting.

An arrival/approach briefing should communicate the following general elements with due consideration to the actual operational situation:

- Identified threats, plans, and considerations (TPC) to mitigate errors, as applicable
- For arrival procedures, a review of lateral and vertical flight path management including published, or ATC assigned speed restrictions
- Runway in use
- Instrument approach procedure identification and details
- Weather information (Operational impacts such as use of radar, anti-ice, windshear)
- Applicable NOTAMs
- Landing performance considerations
- Runway(s)/taxiway(s) in use (surface conditions, wind direction, Deice, LAHSO, etc.)



- Terrain considerations / Obstacle clearance
- Required NAVAIDS
- Minimum altitudes
- Method required to establish aircraft on approach (radar vectors, transition route)
- Lateral and vertical flight path management
- Automation use
- Speed restrictions
- Communication requirements
- Fuel requirements (including alternate fuel)
- Any abnormal procedures such as system malfunctions, MELs
- Missed approach procedure (radar and non-radar procedures)

Following a chart brief, the airport diagram should be reviewed with emphasis on runway conditions, length, landing distance requirements, landing speeds, anticipated turnoff point, anticipated taxi routes, and low-visibility taxi operations. Additionally, if a planned departure from normal SOPs is required to meet an operational requirement, this should be clearly reviewed and discussed during the briefing and prior to commencing the approach.

## 4 Philosophy for the Use of Advanced Technology Equipment

### 1. Fly the aircraft

The flight crew is always responsible, above all else, to fly the airplane. This responsibility cannot be delegated or be allowed to pass unattended to automated equipment.

### 2. Cockpit automation should enhance flight crew situational awareness

The use of cockpit automation should contribute to situational awareness of the flight crew. It should always be managed to increase situational awareness and reduce workload.

### 3. Reversion to manual flight control / navigation

When cockpit automation interferes with situational awareness, automation should be removed and the flight crew should revert to manual flying to the extent necessary to regain situational awareness and maintain safe flight. If the automation is producing a result that is not immediately recognizable as unquestionably accurate, **DO NOT** attempt to diagnose the problem by interacting with the automation **while** the automation is still in control of the aircraft. Remove the automation's control of the aircraft and manually fly the aircraft along the correct lateral and vertical flight path, then the pilot monitoring can diagnose the discrepancy with the automation.

### 4. Confirmation of information

Flight crewmembers should confirm receipt of information from each other, from sources outside the cockpit, and from automated sources. This can be accomplished by read-back, challenge and response, using independent resources, and announcing data from automated

sources. Furthermore, all information and data received should be considered for logic and appropriateness.

## **5. Human-centered automation**

The safe, efficient operation of an aircraft is the sole responsibility of the flight crew. Use of automated equipment should always support the ability of the flight crew to perform required tasks safely and in as low a workload environment as possible. Whether using something as basic as the autopilot, or as advanced as the HUD/EVS, if you don't understand the automation completely, your workload will increase. While there can be no substitution for an extremely high level of proficiency with all of the G550's automation, it should only be used to the extent that it supports the flight crew. Remember, automation is there to serve us. We are not there to serve the automation.

## **6. Guidance Panel Setting**

When hand flying the aircraft, DO NOT make inputs into the Guidance Panel (GP). The PF should command the PM to make the GP inputs that you wish to make. When Autopilot is engaged, the PF should make all GP inputs with the exception of an ATC cleared altitude. An ATC cleared altitude should always be set into the GP Preselect Window by the PM. This methodology keeps both pilots "in the loop" to the greatest degree possible

### ***4.1 Use of Automation***

Automation features vary widely among aircraft. Regardless of the level of automation, the flight crew must be able to master its use, know when it is not working properly, and be able to assume manual control when necessary to maintain safety of flight and situational awareness. Crew coordination is required for successful use of automation. When the autopilot is engaged, the PF shall set all inputs on the Flight Guidance System (FGS), except altitude (or as defined by OEM). When the autopilot is off, the PF shall command all inputs and the PM will set all inputs to the FGS. When mode selections are set or commanded, both crewmembers must confirm that the desired selection has been made. Incorporating flight mode annunciators and flight guidance systems into a scan is essential. If automation is not responding according to expectations, it is important to remove the automation promptly and assume manual control.

The PM accomplishes navigation and communication radio tuning, identification, and ground communication. For navigation radios, the PM tunes and identifies all navigation aids. Before tuning the PF's radios, he announces the NAVAID to be set. In tuning the primary NAVAID, in particular, the PM coordinates with the PF to ensure proper selection sequencing with the autopilot mode. After tuning and identifying the PF's NAVAID (via auto tune feature or manually), the PM announces "(Facility) tuned and identified."

In Hawker aircraft equipped with Pro Line 21 avionics system, monitoring the NDB audio output is not required due to the design of the system, which would bias the needle from view if no valid signal from the NDB transmitter is being received.

In tuning the VHF radios for ATC communication, the PM places the newly assigned frequency in the COM Tune window at the time of receipt. Pressing the appropriate line select key transfers the preselect frequency to the active frequency. After contact on the new frequency, the PM retains the previously assigned frequency for a reasonable time period. Any confusion in the flight deck related to ATC communication is immediately cleared up by requesting ATC confirmation.

#### **4.1.1 Flight Management System**

The crew should review the programmed FMS flight plan prior to starting engines. Normally, the pilot conducting the cockpit setup has programmed the FMS flight plan through either CDU. The flight plan is then displayed for review by both pilots against the dispatch release or ATC clearance routing. Any flight plan errors are corrected at this time.

Once the briefing is complete and both pilots agree with the FMS flight plan, it is cross-filled to the other FMS if operating in the Initiated Transfer mode.

During FMS navigation, both crewmembers should have the FMS mode selected on their Flight Displays. Any underlay information required should be displayed with the bearing pointers. The PFD-CMD mode of the guidance panel (GP) should always be selected to the flying pilot's side. When transitioning from VHF NAV mode to FMS mode or vice versa, the crewmember making the change will state the mode selected.

In the event of a discrepancy between a charted airway or procedure and the FMS database, the chart/map is the final authority. It is the responsibility of the crew to ensure that the FMS guidance conforms to the chart. When the aircraft is operating below 10,000 feet MSL, regardless of autopilot operation, the PF should not program the FMS. Programming should be commanded by the PF to the PM. Above 10,000 feet, with the autopilot on, the PF may elect to provide input to the FMS, provided aircraft control is either transferred to the PM, or a briefing of flight conditions is conducted for the PM to have and maintain situational awareness of the aircraft. All FMS inputs should be verified by both crewmembers.

For arrival and approaches, the appropriate charts should be displayed and readily available. Full NAV/VNAV guidance using the FMS during terminal operations must be limited to situations permitting advance preparations, review of FMS programming and complete crew briefings.

This level of automation is not appropriate when significant changes to route or landing runway have been issued by ATC. In such situations, pilots should revert, at least temporally, to a lower level of automation. All approaches, both FMS Coupled and advisory (FMS data used for situational awareness), should be programmed in the FMS.

FMS Coupled approaches should be flown by using the FMS and the flight guidance system in NAV or Approach mode. Editing the flight plan after the approach label is permitted on advisory approaches only. Editing on an FMS Coupled approach cannot be done without

consequences such as loss of the approach vertical guidance and canceling approach scaling if available.

**WARNING:**

Extreme caution must be exercised by monitoring appropriate annunciators to ensure that the proper navigation information is selected and utilized on each approach.

**NOTE:** The PF will monitor/control the aircraft, regardless of the level of automation employed. The PM will monitor the aircraft and actions of the PF.

## **5 General Callouts/Procedures**

**NOTE:** Changes to the aircraft state by one pilot should not be conducted without prior communication to the other pilot.

### ***5.1 Setting up the Flight Deck for an Approach***

In training as in actual line operations, setting up the flight deck for an approach is a critical step that must be absolutely mastered during training. For this reason, pilots should use the following standardized method of setting up the flight deck for every approach. The acronym **DALCAR** can be useful in remembering the steps to properly load the CDU. After the CDU is loaded, the next items are accomplished in the same order as the approach plate's briefing strip.

- PF/PM obtains current weather and approach in use
- PF commands the PM to set up the approach
- **CDU:**
  - **“D”**estination - PM changes the destination airport (if required)
  - **“A”**rrival - PM selects Arrival, Runway and Approach
  - **“L”**anding - PM selects Landing prompt and fills in all the pages
  - **“C”**ruise Altitude - PM selects cleared altitude in PERF CRUISE (CRZ annunciated between EPR gauges)
  - **“A”**ctivate Vectors - PM selects ACT VECTORS when on radar vectors
  - **“R”**aim - PM checks RAIM, RNP, EPU and any charted temperature limitation if GPS approach

#### **Briefing Strip Items:**

- PM hard selects navaid identifier on both NAV radios via the CDU PROG page (if not already auto-tuned)
- PF/PM sets their respective inbound course (for approaches not coupled to FMS)
- PF/PM sets DA/MDA on their respective PFD

### 5.1.2 Stabilized Approach Criteria

Approach callouts are aircraft specific. These callouts may include configurations, altitudes, and profile information specific to the type. However, all approaches should incorporate and meet stabilized approach criteria.

An approach is considered stabilized when the following criteria are met prior to reaching 1000' (IMC) or 500' (VMC) above TDZE:

- The aircraft is on the correct flight path
- Only small changes in heading/pitch are necessary
- From the final approach fix (point) inbound, maintain the selected airspeed as recommended by the manufacturer at plus/minus 5 knots to designated DA/H or MDA/H.
- The aircraft is in the correct landing configuration
- Sink rate is no greater than 1000 feet/minute; if an approach requires a sink rate greater than 1000 feet/minute, a special briefing should be conducted prior to beginning the approach
- Power/thrust setting is appropriate for the aircraft configuration and is not below the minimum power for the approach
- All briefings and checklists have been conducted

Specific types of approach are stabilized if they also fulfil the following:

- ILS approaches must be flown within one dot of the glideslope and localizer
- Category II or III approach must be flown within the expanded localizer band
- Circling approaches: wings should be level on final prior to 300 feet above touchdown zone elevation; and,
- Unique approach conditions or abnormal conditions requiring a deviation from the above elements of a stabilized approach require a special briefing

Except for circling approaches, non-precision approaches should be conducted using Constant Descent Final Approach (CDFA) procedures unless conditions require and both crew members agree otherwise.

### 5.1.3 Altitude Changes

Prior to any altitude change, ensure the altitude preselector is set to the correct altitude. When passing one thousand feet (1000') to the selected altitude, the PM shall announce the following:

“{xxx} thousand climbing {xxx} thousand”

For example, “5000 climbing 6000” or “Flight level 230 descending flight level 220.”

For aircraft equipped with an EPGWS, there is no need for the crew to echo altitude callouts such as “1000.” However, to maintain situational awareness and prevent over-reliance on automation, the crew should confirm that the information from the EPGWS is consistent with other data available from the primary instruments. In non-EPGWS equipped aircraft, the crew should make callouts as published according to the OEM procedures.

#### **5.1.4 Heading Changes**

When a heading change is required, the PF will announce and set the new heading with the heading selector or direct the PM to set the heading when workload requires. The PM will verbally confirm the heading change matches with the PF announcement. When the PM makes the heading change for the PF, the PF will verbally confirm the heading change matches with the directed change.

#### **5.1.5 Altimeter Changes**

When a new altimeter setting is required (either ATC provided or by passing through the Transition Attitude/Level) the crew will set their respective altimeters and the PM pilot will set the standby altimeter. The altimeters will be crosschecked for accuracy by the crew and verbally verified by stating:

[altimeter setting] “Set and crosschecked”

#### **5.1.6 Aircraft Control Transfer**

The following standard callouts are used when there is a need to transfer aircraft control from one pilot to the other. In addition, the pilot transferring the controls will also state the status of the flight guidance system or aircraft state when flying without the use of automation and the pilot accepting controls will reiterate the aircraft state. Transferring aircraft control should take place in a three-step sequence:

- Pilot transferring control states: “You have the flight controls, heading is 250, altitude is 6000, autopilot is ON, your flight controls...”
- Pilot accepting control states: “I have the flight controls, heading is 250, altitude is 6000, autopilot is ON, my flight controls...”
- Pilot transferring states second time: “You have the flight controls” and visually confirms the other pilot has the controls

#### **5.1.7 Approach Altitude Call Outs**

The minimum expected vertical path callouts on an approach are 1000, 500, 100 to minimums.

#### **5.1.8 Pilot Monitoring (PM) Standard Callouts**

Callouts between crew members is based on the philosophy of not calling out normal items to the greatest extent possible, and only calling out an abnormal situation. This keeps the cockpit

“chatter” to a minimum and allows each crew member to focus on their duties. The following callouts apply generally and are not specific to any maneuver.

|                                                                                     |                                                                                                                                    |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Whenever an ATC cleared altitude is selected in the GP’s altitude preselect window: | PM states the new altitude and points to the preselect window. PF also states the new altitude and points to the preselect window. |
| When one thousand feet prior to the ATC cleared altitude:                           | “XXXX thousand climbing/descending XXXX thousand”                                                                                  |
| When 100 feet prior to the DH, DA, or MDA:                                          | "APPROACHING MINIMUMS" (See Note 1)                                                                                                |
| When at minimums:                                                                   | "MINIMUMS" (See Note 1)                                                                                                            |
| When 100 feet above touchdown zone:                                                 | "ONE HUNDRED" (See Note 1)                                                                                                         |

Note 1: Callout not required if it has been made by the EGPWS.

The following callouts are made by the PM when a deviation from normal is encountered. The response from the PF must always be: “CORRECTING” and then the PF must actually correct the situation. Stating the words “CORRECTING” but not actually correcting should be considered by the PM as a non-response. If there is no response by the PF, the PM must make the deviation from normal callout one more time. If there is still no response from the PF, the PM MUST assume that a subtle incapacitation of the PF has taken place and take control of the aircraft by stating: “I HAVE THE AIRCRAFT.”

|                                                                        |                               |
|------------------------------------------------------------------------|-------------------------------|
| Altitude $\pm$ 100 feet from target:                                   | "ALTITUDE"                    |
| Localizer/Course deviation of 1/2 dot or more:                         | "LOCALIZER"                   |
| Glide path deviation of 1/2 dot or more:                               | "GLIDE SLOPE" or "GLIDE PATH" |
| Airspeed greater than 10 Knots above target:                           | "_____ KNOTS FAST"            |
| Airspeed less than target:                                             | "_____ KNOTS SLOW"            |
| If Airbrakes and Lift Dump are not selected by the PF after touchdown: | "NO AIRBRAKE OR LIFT"         |
| "If Thrust Reverser(s) DO NOT deploy or are not selected by the PF:    | "NO THRUST REVERSERS"         |

## 6 Taxi

Extreme vigilance during taxi operations is required by both crewmembers to reduce the possibility of taxiway or runway incursions. The following procedures should be used as applicable to the operation:

- Identified threats, plans, and considerations (TPC) to mitigate errors, as applicable
- Conduct a pre-taxi/departure briefing that includes the expected taxi route. Review the

airport layout and identify critical areas such as Hot Spots and constructions areas listed in NOTAMs. This briefing is essential to maintain coordination and prevent ground incursions since the crew member who receives the clearance may not be the crew member taxiing the aircraft.

- After taxi clearance has been received, verify the runway assigned, any restrictions, and the taxi route. The use of written taxi instructions is a good operating technique and should be encouraged.
- Have the airport diagram(s) out, available, and in use, to include any low visibility taxi routes depicted. As appropriate, cross check the aircraft heading, airport diagram, and airport signage to confirm aircraft position while taxiing.
- Use aircraft lighting as appropriate for the conditions.
- Use of all available exterior lighting is recommended when crossing a runway
- When crossing taxiways or runways, both crew members should be looking outside the aircraft to scan for traffic. Programming the FMS, running checklists, or other activities that keep the crew inside should be discontinued until the aircraft is in a position of reduced threats or stopped.
- Before crossing active taxiways/runways, the crew will visually verify any intersecting paths for the absence of traffic. Use of TCAS may indicate aircraft on final approach. The left seat pilot will state, “Clear Left” and the right seat pilot will state “Clear Right.”
- When approaching an entrance to an active runway, pilots will ensure compliance with hold short or crossing clearances by discontinuing non-monitoring tasks.
- Prior to crossing or taxiing onto any runway, verbally confirm ATC clearance with other crewmembers and visually scan the runway and approach area. The crew will confirm, per ATC clearance, that they are taxiing onto the correct takeoff runway.
- Once aligned with the assigned runway, the crew should visually and verbally confirm that heading indicator is appropriate for that runway. An aircraft equipped with the Runway Awareness Advisory System (RAAS) may provide this callout provided there is verbal acknowledgment from the crew.
- Read back all clearances/instructions to enter a specific runway, hold short of a runway, and taxi into the “line up and wait” position, including the runway designator.

## **7 Maneuvers Training**

### ***7.1 Stalls***

Stall prevention and recovery should be trained in the following minimum configurations. OEM procedures may require additional training configurations:

- Clean
- Partial Flap (Takeoff Configuration)
- Landing
- High Altitude



Stall prevention will be accomplished in the appropriate phase of flight and in accordance with the OEM's procedures. Stall recovery should be initiated at the first indication of an impending stall. Altitude loss and recovery altitude should be evaluated based on phase of flight. The focus of stall recovery is to manage angle of attack and thrust needed to maintain safe flight.

## ***7.2 Steep Turns***

Steep turns are flown with 45 degrees of bank solely by reference to instruments. The minimum requirement is a turn of at least 180° in both directions. This task must be accomplished without intervention from the PM. Entry speed should be that prescribed by the OEM. In the absence of a manufacturer speed, the ACS should be consulted for applicable standards.

## ***7.3 Time Critical Situations***

When the aircraft, passengers, and/or crew are in jeopardy, remember three things:

FLY THE AIRCRAFT – Maintain aircraft control.

RECOGNIZE CHALLENGE – Analyze the situation.

RESPOND – Take appropriate action.

## ***7.4 Rejected Takeoffs***

The aborted takeoff procedure is a pre-briefed maneuver; both crewmembers must be aware of and briefed on the types of malfunctions that mandate an abort. Assuming that the crew trains to a firmly established SOP, either crewmember may call for an abort.

Regardless of who calls the abort or RTO, the PF will initiate the abort. Reasons for rejecting a takeoff include:

- For Low-Speed Events – Takeoff may be rejected for any non-normal condition
- For High-Speed Events – reject takeoff for engine failure below V1, loss of directional control, or aircraft deemed unsafe to fly. At high speeds, it may be safer to continue the takeoff, even if below V1, based on weather, runway condition, runway length or indications that have no adverse effect on aircraft performance.

**Note:** In aircraft where a tiller is present and the PF is in a pilot station without access to, or control of, the tiller, the PM will maintain directional control of the aircraft until a safe condition is available to transition flight controls to the PF.

## ***7.5 Critical Malfunctions in Flight***

In flight, the observing crewmember positively announces a malfunction. As time permits, the other crewmember makes every effort to confirm/identify the malfunction before initiating any emergency action.

If the PM is the first to observe any indication of a critical failure, the PM announces it and simultaneously identifies the malfunction to the PF by pointing to the indicator/annunciator.

After verifying the malfunction, the PF announces their decision and commands accomplishment of any checklist recall items. The PF monitors the PM during the accomplishment of those tasks assigned to him. It is a common crew practice for the PF to take control of the communications while the PM is performing abnormal and emergency procedures from the QRH.

### 7.6 Non-Critical Malfunctions in Flight

Procedures for recognizing and verifying a noncritical malfunction or impending malfunction are the same as those used for time-critical situations: use positive oral and graphic communication to identify and direct the proper response. Time, however, is not as critical and allows a more deliberate response to the malfunction. Always use the appropriate checklist to accomplish the corrective action.

## 8 Operating Procedures

### 8.1 Takeoff Normal/Crosswind/Lower Than Standard

| LEFT SEAT<br>↓                                              | RIGHT SEAT<br>↓                                 |
|-------------------------------------------------------------|-------------------------------------------------|
| <b><u>TAKEOFF NORMAL/CROSSWIND/LOWER THAN STANDARD</u></b>  |                                                 |
| Cleared for Takeoff                                         |                                                 |
| "CLEAR LEFT"                                                |                                                 |
|                                                             | "CLEAR RIGHT"                                   |
| "LINE UP CHECKLIST"                                         |                                                 |
|                                                             | Complete line-up checklist-                     |
|                                                             | Confirm correct heading and runway alignment    |
|                                                             | "RUNWAY [xx] CONFIRMED"                         |
| SETTING TAKEOFF POWER                                       |                                                 |
| Sets thrust, controls aircraft using tiller & rudder/brakes | controls yoke, inputs wind correction, arms APR |
|                                                             | "LINE UP CHECKLIST COMPLETE"                    |
| 80 knots                                                    |                                                 |
|                                                             | "80 KNOTS CROSSCHECK"                           |
| For a <b>left</b> seat takeoff                              |                                                 |
| "MY YOKE"                                                   |                                                 |
| Tiller hand to yoke                                         | Release yoke                                    |
|                                                             | "YOUR YOKE"                                     |
| For a <b>right</b> seat takeoff                             |                                                 |
| "YOUR YOKE"                                                 |                                                 |
| Release tiller & maintain control of thrust levers          | "MY YOKE"                                       |

| LEFT SEAT<br>↓                 | RIGHT SEAT<br>↓                |
|--------------------------------|--------------------------------|
|                                | Maintain yoke & rudder control |
| At V1                          |                                |
| <b>"V1"</b> (called by PM)     |                                |
| Remove hand from thrust levers |                                |

| PILOT FLYING<br>↓                                          | PILOT MONITORING<br>↓                  |
|------------------------------------------------------------|----------------------------------------|
| <b><u>TAKEOFF NORMAL/CROSSWIND/LOWER THAN STANDARD</u></b> |                                        |
| At VR                                                      |                                        |
|                                                            | <b>"ROTATE"</b>                        |
| Rotate to approximately 12° pitch attitude for takeoff     |                                        |
| At Positive Rate-of-Climb                                  |                                        |
|                                                            | <b>"POSITIVE RATE"</b>                 |
| <b>"GEAR UP"</b>                                           |                                        |
|                                                            | <b>"GEAR SELECTED UP"</b>              |
|                                                            | When gear indicates up                 |
|                                                            | <b>"GEAR INDICATES UP"</b>             |
| Above minimum flap retraction altitude and speed           |                                        |
| <b>"FLAPS UP AFTER TAKEOFF CHECKS"</b>                     |                                        |
|                                                            | <b>"FLAPS SELECTED UP"</b>             |
|                                                            | When indicator shows up                |
|                                                            | <b>"FLAPS INDICATE UP"</b>             |
| At 1500 ft AGL (minimum)                                   |                                        |
|                                                            | Complete after takeoff checklist       |
|                                                            | <b>"AFTER TAKEOFF CHECKS COMPLETE"</b> |
| At transition altitude                                     |                                        |
| <b>"CLIMB CHECKLIST"</b>                                   |                                        |
|                                                            | Complete climb checklist               |
|                                                            | <b>"CLIMB CHECKLIST COMPLETE"</b>      |

## 8.2 Precision Approach

| PILOT FLYING<br>↓                                          | PILOT MONITORING<br>↓                |
|------------------------------------------------------------|--------------------------------------|
| <b><u>PRECISION APPROACH</u></b>                           |                                      |
| Prior to initial approach fix                              |                                      |
| <b>"APPROACH CHECKLIST"</b>                                |                                      |
|                                                            | <b>"APPROACH CHECKLIST"</b>          |
|                                                            | Complete approach checklist          |
|                                                            | <b>"APPROACH CHECKLIST COMPLETE"</b> |
| NLT 3 MILES FROM FAF OR DURING PT OUTBOARD:                |                                      |
| <b>"FLAPS 15"</b>                                          |                                      |
|                                                            | <b>"FLAPS SELECTED 15"</b>           |
|                                                            | When flaps indicate 15               |
|                                                            | <b>"FLAPS INDICATE 15"</b>           |
| At initial convergence of course deviation bar             |                                      |
| <b>"[LOCALIZER or COURSE] ALIVE"</b>                       |                                      |
| At localizer or course captured                            |                                      |
| <b>"[LOCALIZER or COURSE] CAPTURED"</b>                    |                                      |
| At Initial Downward Movement of Glide slope/path indicator |                                      |
| <b>"GLIDE [SLOPE or PATH] ALIVE"</b>                       |                                      |
| <b>"GEAR DOWN"</b>                                         |                                      |
|                                                            | <b>"GEAR SELECTED DOWN"</b>          |
|                                                            | When gear indicates down             |
| <b>"GEAR INDICATES DOWN"</b>                               | <b>"GEAR INDICATES DOWN"</b>         |
| At One Dot from Glide slope/path Intercept                 |                                      |
| <b>"FLAPS 25"</b>                                          |                                      |
|                                                            | <b>"FLAPS SELECTED 25"</b>           |
|                                                            | When flaps indicate 25               |
|                                                            | <b>"FLAPS INDICATED 25"</b>          |
| Glideslope/glidepath captured                              |                                      |
| <b>"SET MISSED, FLAPS 45, LANDING CHECKLIST"</b>           |                                      |
|                                                            | Set missed approach altitude         |
|                                                            | <b>"FLAPS SELECTED 45"</b>           |
|                                                            | When flaps indicate 45               |
|                                                            | <b>"FLAPS INDICATE 45"</b>           |
|                                                            | Complete landing checklist           |
| 1000 above minimums                                        |                                      |

| PILOT FLYING<br>↓                                                              | PILOT MONITORING<br>↓                                                                             |
|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b><u>PRECISION APPROACH</u></b>                                               |                                                                                                   |
|                                                                                | In the absence of automation callout "1000 ABOVE MINIMUMS"<br><br><b>"1000 ABOVE MINIMUMS"</b>    |
| 500 above minimums                                                             |                                                                                                   |
|                                                                                | In the absence of automation callout "500 ABOVE MINIMUMS"<br><br><b>"500 ABOVE MINIMUMS"</b>      |
| 100 feet above minimums                                                        |                                                                                                   |
|                                                                                | In the absence of Automation callout "APPROACHING MINIMUMS".<br><br><b>"APPROACHING MINIMUMS"</b> |
| At Minimums                                                                    |                                                                                                   |
|                                                                                | In the absence of Automation callout "MINIMUMS".<br><br><b>"MINIMUMS"</b>                         |
| <b>"APPROACH LIGHTS"</b>                                                       |                                                                                                   |
| <b>"CONTINUING"</b>                                                            |                                                                                                   |
| Continue to 100' above TDZE                                                    |                                                                                                   |
| <b>"RUNWAY ____ O'CLOCK"</b>                                                   |                                                                                                   |
| <b>"LANDING"</b>                                                               |                                                                                                   |
| <b>"AP/YD DISENGAGE"</b>                                                       |                                                                                                   |
| Disengage AP/YD                                                                |                                                                                                   |
|                                                                                | <b>"AP/YD DISENGAGED, LANDING CHECKLIST COMPLETE"</b>                                             |
| At minimums without runway environment, or approach lights in sight: Go around |                                                                                                   |
| <b>"GO AROUND"</b>                                                             |                                                                                                   |

### 8.3 Non-Precision (CDFA)

| PILOT FLYING<br>↓                                                                  | PILOT MONITORING<br>↓                |
|------------------------------------------------------------------------------------|--------------------------------------|
| <b><u>NON-PRECISION (CDFA)</u></b>                                                 |                                      |
| Prior to initial approach fix                                                      |                                      |
| <b>"APPROACH CHECKLIST"</b>                                                        |                                      |
|                                                                                    | <b>"APPROACH CHECKLIST"</b>          |
|                                                                                    | Complete approach checklist          |
|                                                                                    | <b>"APPROACH CHECKLIST COMPLETE"</b> |
| NLT 3 MILES FROM FAF OR DURING PT OUTBOARD                                         |                                      |
| <b>"FLAPS 15"</b>                                                                  |                                      |
|                                                                                    | <b>"FLAPS SELECTED 15"</b>           |
|                                                                                    | When flaps indicate 15               |
|                                                                                    | <b>"FLAPS INDICATE 15"</b>           |
| At initial convergence of course deviation bar                                     |                                      |
| <b>"[LOCALIZER or COURSE] ALIVE"</b>                                               |                                      |
| At localizer or course captured                                                    |                                      |
| <b>"[LOCALIZER or COURSE] CAPTURED"</b>                                            |                                      |
| At Initial Downward Movement of Glide slope/path indicator or NLT 2 miles from FAF |                                      |
| <b>"GLIDE [SLOPE or PATH] ALIVE"</b>                                               |                                      |
| <b>"GEAR DOWN"</b>                                                                 |                                      |
|                                                                                    | <b>"GEAR SELECTED DOWN"</b>          |
|                                                                                    | When gear indicates down             |
| <b>"GEAR INDICATES DOWN"</b>                                                       | <b>"GEAR INDICATES DOWN"</b>         |
| At One Dot from Glide slope/path Intercept or NLT 1 mile from FAF                  |                                      |
| <b>"FLAPS 25"</b>                                                                  |                                      |
|                                                                                    | <b>"FLAPS SELECTED 25"</b>           |
|                                                                                    | When flaps indicate 25               |
|                                                                                    | <b>"FLAPS INDICATE 25"</b>           |
| Glideslope/glidepath captured or FAF                                               |                                      |
| <b>"SET [MISSED or MDA], FLAPS 45, LANDING CHECKLIST"</b>                          |                                      |
|                                                                                    | Set missed/MDA approach altitude     |
|                                                                                    | <b>"FLAPS 45 SELECTED"</b>           |
|                                                                                    | When flaps indicate 45               |
|                                                                                    | <b>"FLAPS 45 INDICATE"</b>           |
|                                                                                    | Complete landing checklist           |
| 1000 above minimums                                                                |                                      |

| PILOT FLYING<br>↓                                                             | PILOT MONITORING<br>↓                                                                             |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b><u>NON-PRECISION (CDFA)</u></b>                                            |                                                                                                   |
|                                                                               | In the absence of automation callout "1000 ABOVE MINIMUMS"<br><br><b>"1000 ABOVE MINIMUMS"</b>    |
| 500 above minimums                                                            |                                                                                                   |
|                                                                               | In the absence of automation callout "500 ABOVE MINIMUMS"<br><br><b>"500 ABOVE MINIMUMS"</b>      |
| 100 feet above minimums                                                       |                                                                                                   |
|                                                                               | In the absence of Automation callout "APPROACHING MINIMUMS".<br><br><b>"APPROACHING MINIMUMS"</b> |
| At Minimums                                                                   |                                                                                                   |
|                                                                               | In the absence of Automation callout "MINIMUMS".<br><br><b>"MINIMUMS"</b>                         |
| <b>"APPROACH LIGHTS"</b>                                                      |                                                                                                   |
| <b>"CONTINUING"</b>                                                           |                                                                                                   |
| Continue to 100' above TDZE                                                   |                                                                                                   |
| <b>"RUNWAY ____ O'CLOCK"</b>                                                  |                                                                                                   |
| <b>"LANDING"</b>                                                              |                                                                                                   |
| <b>"AP/YD DISENGAGE"</b>                                                      |                                                                                                   |
| Disengage AP/YD                                                               |                                                                                                   |
|                                                                               | <b>"AP/YD DISENGAGED, LANDING CHECKLIST COMPLETE"</b>                                             |
| At minimums without runway environment or approach lights in sight: Go around |                                                                                                   |
| <b>"GO AROUND"</b>                                                            |                                                                                                   |

#### 8.4 Visual Approach

| PILOT FLYING<br>↓                                      | PILOT MONITORING<br>↓                                 |
|--------------------------------------------------------|-------------------------------------------------------|
| <b><u>VISUAL APPROACH</u></b>                          |                                                       |
| Prior to entering terminal airspace and above 1500 AGL |                                                       |
| Approach checks complete                               |                                                       |
| Downwind                                               |                                                       |
| <b>"FLAPS 15°"</b>                                     |                                                       |
| Speed ref +25 minimum                                  |                                                       |
|                                                        | <b>"FLAPS SELECTED 15"</b>                            |
|                                                        | When flaps indicate 15°                               |
|                                                        | <b>"FLAPS INDICATE 15"</b>                            |
| Abeam threshold                                        |                                                       |
| <b>"GEAR DOWN"</b>                                     |                                                       |
|                                                        | <b>"GEAR SELECTED DOWN"</b>                           |
|                                                        | When gear indicates down                              |
| <b>"GEAR INDICATES DOWN"</b>                           | <b>"GEAR INDICATES DOWN"</b>                          |
| Base leg                                               |                                                       |
| <b>"FLAPS 25"</b>                                      |                                                       |
|                                                        | <b>"FLAPS SELECTED 25"</b>                            |
|                                                        | When flaps indicate 25                                |
|                                                        | <b>"FLAPS INDICATE 25"</b>                            |
| Final                                                  |                                                       |
| <b>"FLAPS 45, LANDING CHECKS"</b>                      |                                                       |
|                                                        | <b>"FLAPS SELECTED 45"</b>                            |
|                                                        | Select flaps 45°, complete landing checklist          |
|                                                        | <b>"FLAPS INDICATE 45"</b>                            |
| <b>"AP/YD DISENGAGE"</b>                               |                                                       |
| Disengage AP/YD                                        |                                                       |
|                                                        | <b>"AP/YD DISENGAGED, LANDING CHECKLIST COMPLETE"</b> |
| Threshold                                              |                                                       |
| Airspeed - Ref + gust factor                           |                                                       |



### 8.5 One Engine INOP Approach

| PILOT FLYING<br>↓                                                                        | PILOT MONITORING<br>↓                                                                                                                                    |
|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>ONE ENGINE INOP APPROACH</u></b>                                                   |                                                                                                                                                          |
| Prior to initial approach fix                                                            |                                                                                                                                                          |
|                                                                                          | Crew to decide landing configurations: If landing with alternate normal configurations, appropriate checklists must be reviewed (E.g., Flaps 25 landing) |
| <b>"OEI APPROACH and LANDING CHECKLIST TO THE LINE"</b>                                  |                                                                                                                                                          |
|                                                                                          | Complete one-engine inoperative approach checklist to the line                                                                                           |
|                                                                                          | <b>"ONE ENGINE INOPERATIVE APPROACH CHECKLIST TO THE LINE COMPLETE"</b>                                                                                  |
| NLT 3 MILES FROM FAF OR DURING PT OUTBOARD                                               |                                                                                                                                                          |
| <b>"FLAPS 15"</b>                                                                        |                                                                                                                                                          |
|                                                                                          | <b>"FLAPS SELECTED 15"</b>                                                                                                                               |
|                                                                                          | When flaps indicate 15                                                                                                                                   |
|                                                                                          | <b>"FLAPS INDICATE 15"</b>                                                                                                                               |
| At initial convergence of course deviation bar                                           |                                                                                                                                                          |
| <b>"[LOCALIZER or COURSE] ALIVE"</b>                                                     |                                                                                                                                                          |
| At localizer or course captured                                                          |                                                                                                                                                          |
| <b>"[LOCALIZER or COURSE] CAPTURED"</b>                                                  |                                                                                                                                                          |
| At Initial Downward Movement of Glide slope/path indicator or NLT 2 miles from FAF       |                                                                                                                                                          |
| <b>"GLIDE [SLOPE or PATH] ALIVE" or "2 MILES"</b>                                        |                                                                                                                                                          |
| <b>"GEAR DOWN"</b>                                                                       |                                                                                                                                                          |
|                                                                                          | <b>"GEAR SELECTED DOWN"</b>                                                                                                                              |
|                                                                                          | When gear indicates down                                                                                                                                 |
| <b>"GEAR INDICATES DOWN"</b>                                                             | <b>"GEAR INDICATES DOWN"</b>                                                                                                                             |
| Glideslope/glidepath captured or FAF                                                     |                                                                                                                                                          |
| <b>"FLAPS 25, SET [MISSED or MDA], ONE ENGINE INOP APP/LND CHECKLIST BELOW THE LINE"</b> |                                                                                                                                                          |
| Speed: ref + 20                                                                          |                                                                                                                                                          |
|                                                                                          | <b>"FLAPS SELECTED 25"</b>                                                                                                                               |

| PILOT FLYING<br>↓                                                                                       | PILOT MONITORING<br>↓                                        |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <b><u>ONE ENGINE INOP APPROACH</u></b>                                                                  |                                                              |
|                                                                                                         | When flaps indicate 25                                       |
|                                                                                                         | <b>"FLAPS INDICATE 25"</b>                                   |
| Descend on approach                                                                                     |                                                              |
|                                                                                                         | Set missed/MDA approach altitude                             |
|                                                                                                         | Complete one engine inop landing checklist                   |
| 1000 above minimums                                                                                     |                                                              |
|                                                                                                         | In the absence of automation callout "1000 ABOVE MINIMUMS"   |
|                                                                                                         | <b>"1000 ABOVE MINIMUMS"</b>                                 |
| 500 above minimums                                                                                      |                                                              |
|                                                                                                         | In the absence of automation callout "500 ABOVE MINIMUMS"    |
|                                                                                                         | <b>"500 ABOVE MINIMUMS"</b>                                  |
| 100 feet above minimums                                                                                 |                                                              |
|                                                                                                         | In the absence of Automation callout "APPROACHING MINIMUMS". |
|                                                                                                         | <b>"APPROACHING MINIMUMS"</b>                                |
| At Minimums                                                                                             |                                                              |
|                                                                                                         | In the absence of Automation callout "MINIMUMS".             |
|                                                                                                         | <b>"MINIMUMS"</b>                                            |
| <b>"APPROACH LIGHTS"</b>                                                                                |                                                              |
| <b>"CONTINUING"</b>                                                                                     |                                                              |
| Continue to 100' above TDZE                                                                             |                                                              |
| <b>"RUNWAY ____ O'CLOCK"</b>                                                                            |                                                              |
| <b>"LANDING"</b>                                                                                        |                                                              |
| <b>"AP/YD DISENGAGE"</b>                                                                                |                                                              |
| Disengage AP/YD                                                                                         |                                                              |
|                                                                                                         | <b>"ONE ENGINE INOP CHECKLIST COMPLETE"</b>                  |
| When landing is assured (precision or CDFA app, this can be accomplished at glide slope/path intercept) |                                                              |
| <b>"FLAPS 45"</b>                                                                                       |                                                              |
|                                                                                                         | <b>"FLAPS SELECTED 45"</b>                                   |

| PILOT FLYING<br>↓                                          | PILOT MONITORING<br>↓                       |
|------------------------------------------------------------|---------------------------------------------|
| <b><u>ONE ENGINE INOP APPROACH</u></b>                     |                                             |
|                                                            | Finish one-engine inoperative checklist     |
|                                                            | <b>"FLAPS INDICATE 45"</b>                  |
|                                                            | <b>"ONE ENGINE INOP CHECKLIST COMPLETE"</b> |
| At minimums without runway environment in sight: Go around |                                             |
| <b>"GO AROUND"</b>                                         |                                             |

### 8.6 Go Around – 2 Engines

| PILOT FLYING<br>↓                                                               | PILOT MONITORING<br>↓                                                                                       |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b><u>GO AROUND- 2 ENGINES</u></b>                                              |                                                                                                             |
| <b>"GO AROUND"</b>                                                              |                                                                                                             |
| <b>"GO AROUND, FLAPS 15"</b>                                                    |                                                                                                             |
| TO/GA press, set max thrust, increase pitch to flight director or 10°-12° pitch |                                                                                                             |
|                                                                                 | <b>"FLAPS 15"</b>                                                                                           |
|                                                                                 | Confirm Vref minimum, set flaps to 15°                                                                      |
| At positive rate                                                                |                                                                                                             |
|                                                                                 | <b>"POSITIVE RATE"</b>                                                                                      |
| <b>"GEAR UP, SET MISSED APPROACH"</b>                                           |                                                                                                             |
|                                                                                 | <b>"GEAR UP, SET MISSED"</b>                                                                                |
|                                                                                 | Select gear up                                                                                              |
|                                                                                 | Set missed approach altitude, select FD mode, confirm command bars are following correct course *as briefed |
| At acceleration altitude                                                        |                                                                                                             |
| <b>"ACCELERATION ALTITUDE"</b>                                                  |                                                                                                             |
| Accelerate: Vref + 10 minimum                                                   |                                                                                                             |
| <b>"FLAPS UP, MISSED APPROACH CHECKLIST"</b>                                    |                                                                                                             |
|                                                                                 | Confirm minimum speed attained, select flaps up                                                             |
|                                                                                 | <b>"FLAPS UP"</b>                                                                                           |
| 1500' minimum                                                                   |                                                                                                             |

| PILOT FLYING<br>↓                  | PILOT MONITORING<br>↓                           |
|------------------------------------|-------------------------------------------------|
| <b><u>GO AROUND- 2 ENGINES</u></b> |                                                 |
|                                    | Complete missed approach checklist              |
|                                    | <b>“MISSED APPROACH CHECKLIST<br/>COMPLETE”</b> |

### 8.7 Go Around – 1 Engine

| PILOT FLYING<br>↓                                                                                   | PILOT MONITORING<br>↓                                                                                       |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b><u>GO AROUND – 1 ENGINE</u></b>                                                                  |                                                                                                             |
| <b>“GO AROUND”</b>                                                                                  |                                                                                                             |
| <b>“GO AROUND, FLAPS 15”</b>                                                                        |                                                                                                             |
| TO/GA press, set max thrust on operating engine, increase pitch to flight director or 10°-12° pitch |                                                                                                             |
|                                                                                                     | <b>“FLAPS 15”</b>                                                                                           |
|                                                                                                     | Confirm Vref, set flaps to 15°                                                                              |
| At positive rate                                                                                    |                                                                                                             |
|                                                                                                     | <b>"POSITIVE RATE"</b>                                                                                      |
| <b>"GEAR UP, SET MISSED APPROACH"</b>                                                               |                                                                                                             |
|                                                                                                     | <b>"GEAR UP, SET MISSED"</b>                                                                                |
|                                                                                                     | Select gear up                                                                                              |
|                                                                                                     | Set missed approach altitude, select FD mode, confirm command bars are following correct course *as briefed |
| At acceleration altitude                                                                            |                                                                                                             |
| <b>"ACCELERATION ALTITUDE"</b>                                                                      |                                                                                                             |
| Accelerate: Vref + 10 minimum                                                                       |                                                                                                             |
| <b>"FLAPS UP, ONE-ENGINE INOP GO-AROUND CHECKLIST"</b>                                              |                                                                                                             |

| PILOT FLYING<br>↓                  | PILOT MONITORING<br>↓                                        |
|------------------------------------|--------------------------------------------------------------|
| <b><u>GO AROUND – 1 ENGINE</u></b> |                                                              |
|                                    | Confirm minimum speed attained, select flaps up              |
|                                    | <b>"FLAPS UP"</b>                                            |
| Minimum 1500'                      |                                                              |
|                                    | Complete one-engine inoperative go-around checklist          |
|                                    | <b>"ONE-ENGINE INOPERATIVE GO-AROUND CHECKLIST COMPLETE"</b> |

### 8.8 Rejected Takeoff

| LEFT SEAT<br>↓                                                                                        | RIGHT SEAT<br>↓                             |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <b><u>REJECTED TAKEOFF</u></b>                                                                        |                                             |
| Decision to reject takeoff made prior to V1                                                           |                                             |
| <b>"ABORT, ABORT, ABORT"</b>                                                                          |                                             |
| Thrust levers: close<br>Brakes: apply<br>Airbrakes: deploy<br>Thrust reversers (if available): deploy | Verify complete                             |
|                                                                                                       | When safe, advise atc or area traffic       |
|                                                                                                       | <b>"[call sign] ABORTED ON RUNWAY [XX]"</b> |
| Crew to decide appropriate action (E.g., vacate runway, evacuation, etc.)                             |                                             |
|                                                                                                       | Advise ATC or area traffic of intent        |
| Run appropriate checklist (E.g., takeoff aborted, emergency evacuation, engine failure below V1 etc.) |                                             |

### 8.9 Engine Failure $\geq V1$

| PILOT FLYING<br>↓                                 | PILOT MONITORING<br>↓ |
|---------------------------------------------------|-----------------------|
| <b><u>ENGINE FAILURE <math>\geq V1</math></u></b> |                       |
| At V1                                             |                       |

| PILOT FLYING<br>↓                                             | PILOT MONITORING<br>↓                                                                        |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>ENGINE FAILURE <math>\geq V_1</math></b>                   |                                                                                              |
|                                                               | <b>"V1"</b>                                                                                  |
| Move hand from thrust levers to yoke                          |                                                                                              |
| <b>Engine failure</b>                                         |                                                                                              |
| <b>"ENGINE FAILURE"</b>                                       |                                                                                              |
| At VR                                                         |                                                                                              |
|                                                               | <b>"ROTATE"</b>                                                                              |
| Increase pitch to flight director or 10°-12° pitch            |                                                                                              |
| At Positive Rate-of-Climb                                     |                                                                                              |
|                                                               | <b>"POSITIVE RATE"</b>                                                                       |
| <b>"GEAR UP, FLC"</b>                                         |                                                                                              |
| Climb at $V_2 - V_2 + 10$ to flap retraction altitude         |                                                                                              |
|                                                               | Select gear up                                                                               |
|                                                               | <b>"GEAR SELECTED UP"</b>                                                                    |
|                                                               | Select briefed FD mode, confirm briefed procedure (SID, OEI, etc.), set appropriate altitude |
|                                                               | When gear indicates up                                                                       |
|                                                               | <b>"GEAR INDICATES UP"</b>                                                                   |
| $\geq 3.5$ minutes passed: acceleration altitude not attained |                                                                                              |
|                                                               | <b>"3.5 MINUTES"</b>                                                                         |
| Level off and attain $V_{fto}$                                |                                                                                              |
| Speed indicates $V_2 + 10$                                    |                                                                                              |
| <b>"V2 + 10"</b>                                              |                                                                                              |
| <b>"FLAPS UP"</b>                                             |                                                                                              |
|                                                               | <b>"FLAPS SELECTED UP"</b>                                                                   |
|                                                               | When flaps indicate up                                                                       |
|                                                               | <b>"FLAPS INDICATE UP"</b>                                                                   |
| Climb at $V_{fto}$ to acceleration altitude                   |                                                                                              |
| Within 5 minutes                                              |                                                                                              |
|                                                               | Disarm APR                                                                                   |
| At acceleration altitude                                      |                                                                                              |
| Accelerate to $V_{enr}/V_{enc}$                               |                                                                                              |

| PILOT FLYING<br>↓                                                                    | PILOT MONITORING<br>↓            |
|--------------------------------------------------------------------------------------|----------------------------------|
| <b>ENGINE FAILURE ≥ V1</b>                                                           |                                  |
| "ENGINE FAILURE CHECKLIST "                                                          |                                  |
|                                                                                      | Complete emergency checklist     |
|                                                                                      | "ENGINE FAILURE CHECKS COMPLETE" |
| < 3.5 minutes elapsed: acceleration altitude attained                                |                                  |
| Accelerate to V <sub>enr</sub> /V <sub>enc</sub>                                     |                                  |
| Passing V2 + 10                                                                      |                                  |
| <b>"V2 + 10"</b>                                                                     |                                  |
| <b>"FLAPS UP"</b>                                                                    |                                  |
|                                                                                      | <b>"FLAPS SELECTED UP"</b>       |
|                                                                                      | When flaps indicate up           |
|                                                                                      | <b>"FLAPS INDICATE UP"</b>       |
|                                                                                      | Disarm APR                       |
| "ENGINE FAILURE CHECKLIST "                                                          |                                  |
|                                                                                      | Complete emergency checklist     |
|                                                                                      | "ENGINE FAILURE CHECKS COMPLETE" |
| DECIDE NEXT STEP (Immediate return, takeoff alternate, relight, etc.) and advise ATC |                                  |

### 8.10 Emergency Descent

| PILOT FLYING<br>↓                                      | PILOT MONITORING<br>↓                |
|--------------------------------------------------------|--------------------------------------|
| <b>EMERGENCY DESCENT</b>                               |                                      |
| Thrust lever: close                                    |                                      |
| Speed: mmo/vmo (unless structural damage is suspected) |                                      |
| Airbrake: open                                         |                                      |
| <b>"EMERGENCY DESCENT CHECKLIST"</b>                   |                                      |
|                                                        | <b>"EMERGENCY DESCENT CHECKLIST"</b> |
|                                                        | Complete emergency descent checklist |

| PILOT FLYING<br>↓        | PILOT MONITORING<br>↓                         |
|--------------------------|-----------------------------------------------|
| <b>EMERGENCY DESCENT</b> |                                               |
|                          | <b>"EMERGENCY DESCENT CHECKLIST COMPLETE"</b> |

### 8.11 EGPWS Terrain/Obstacle Avoidance

| PILOT FLYING<br>↓                                                                                                                               | PILOT MONITORING<br>↓                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b><u>EGPWS TERRAIN/OBSTACLE AVOIDANCE</u></b>                                                                                                  |                                            |
| Caution (amber annunciation)                                                                                                                    |                                            |
| Adjust flight path as necessary to eliminate caution                                                                                            |                                            |
| Warning (red annunciation)                                                                                                                      |                                            |
| (PULL UP MESSAGE ON PFD and/or PULL UP, or TERRAIN, TERRAIN PULL UP or OBSTACLE, OBSTACLE, PULL UP AURAL ALERT)                                 |                                            |
| Go around button: push<br>Thrust: maximum<br>Pitch attitude: Increase and climb as required to avoid terrain/obstacle<br>APR: activate/override | Confirm memory items completed             |
| <b>"EGPWS WARNING CHECKLIST"</b>                                                                                                                |                                            |
|                                                                                                                                                 | <b>"EGPWS WARNING CHECKLIST"</b>           |
|                                                                                                                                                 | Complete EGPWS checklist                   |
|                                                                                                                                                 | <b>"EGPWS WARNING CHECKLIST COMPLETED"</b> |

### 8.12 Windshear Warning

| PILOT FLYING<br>↓               | PILOT MONITORING<br>↓ |
|---------------------------------|-----------------------|
| <b><u>WINDSHEAR WARNING</u></b> |                       |
| <b>"WINDSHEAR"</b>              |                       |



| PILOT FLYING<br>↓                                                                                                                                                                                     | PILOT MONITORING<br>↓                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b><u>WINDSHEAR WARNING</u></b>                                                                                                                                                                       |                                               |
| Go around button: push<br>Thrust: maximum<br>Pitch attitude: Increase as required to arrest descent, allowing airspeed to decrease to intermittent stick shaker activation.<br>APR: activate/override | Confirm memory items completed                |
| <b>"WINDSHEAR WARNING CHECKLIST"</b>                                                                                                                                                                  |                                               |
|                                                                                                                                                                                                       | <b>"WINDSHEAR WARNING CHECKLIST"</b>          |
|                                                                                                                                                                                                       | Complete windshear warning checklist          |
|                                                                                                                                                                                                       | <b>"WINDSHEAR WARNING CHECKLIST COMPLETE"</b> |

### 8.13 Stall

| PILOT FLYING<br>↓                                                                          | PILOT MONITORING<br>↓                       |
|--------------------------------------------------------------------------------------------|---------------------------------------------|
| <b><u>STALL</u></b>                                                                        |                                             |
| <b>"STALL"</b>                                                                             |                                             |
| Autopilot - Disconnect                                                                     |                                             |
| Pitch control: Nose-down until impending stall indications are eliminated                  |                                             |
| Pitch trim: Nose-down pitch trim as Needed                                                 |                                             |
| Thrust: MAX or adjust as necessary                                                         |                                             |
| Airbrakes/spoilers: retract                                                                |                                             |
| Bank: wings level                                                                          |                                             |
|                                                                                            | Monitor airspeed, altitude through recovery |
|                                                                                            | Announce any continued divergence           |
| Recover to desired level flight path, and if required, retract flaps and gear on schedule. |                                             |

### 8.14 No Flap Approach

| PILOT FLYING<br>↓                                         | PILOT MONITORING<br>↓                                            |
|-----------------------------------------------------------|------------------------------------------------------------------|
| <b><u>NO FLAP APPROACH</u></b>                            |                                                                  |
| TOD or terminal area                                      |                                                                  |
| <b>"FLAPS UP OR 15° APPROACH AND LANDING CHECKLIST"</b>   |                                                                  |
|                                                           | Complete FLAPS UP OR 15° APPROACH AND LANDING CHECKLIST          |
|                                                           | <b>"FLAPS UP OR 15° APPROACH AND LANDING CHECKLIST COMPLETE"</b> |
| Abeam threshold or no later than TOD of final app segment |                                                                  |
| <b>"GEAR DOWN, LANDING CHECKS"</b>                        |                                                                  |
| Speed: Vref +30 minimum                                   |                                                                  |
|                                                           | <b>"GEAR DOWN"</b>                                               |
|                                                           | When gear indicates down                                         |
| <b>"GEAR INDICATES DOWN"</b>                              | <b>"GEAR INDICATES DOWN"</b>                                     |
|                                                           | Complete landing checklist                                       |
| <b>"AP/YD DISENGAGE"</b>                                  |                                                                  |
| Disengage AP/YD                                           |                                                                  |
|                                                           | <b>"AP/YD DISENGAGED, LANDING CHECKLIST COMPLETE"</b>            |
| Final                                                     |                                                                  |
| Reduce to cross threshold at Vref +15 plus gust factor    |                                                                  |

### 8.15 Circling Approach

| PILOT FLYING<br>↓                          | PILOT MONITORING<br>↓                |
|--------------------------------------------|--------------------------------------|
| <b><u>CIRCLING APPROACH</u></b>            |                                      |
| Prior to initial approach fix              |                                      |
| <b>"APPROACH CHECKLIST"</b>                |                                      |
|                                            | Complete approach checklist          |
|                                            | <b>"APPROACH CHECKLIST COMPLETE"</b> |
| NLT 3 MILES FROM FAF OR DURING PT OUTBOUND |                                      |
| <b>"FLAPS 15"</b>                          |                                      |

| PILOT FLYING<br>↓                                                                  | PILOT MONITORING<br>↓                                        |
|------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <b><u>CIRCLING APPROACH</u></b>                                                    |                                                              |
|                                                                                    | <b>"FLAPS SELECTED 15"</b>                                   |
|                                                                                    | When flaps indicate 15                                       |
|                                                                                    | <b>"FLAPS INDICATES 15"</b>                                  |
| At initial convergence of course deviation bar                                     |                                                              |
| <b>"[LOCALIZER or COURSE] ALIVE"</b>                                               |                                                              |
| At localizer or course captured                                                    |                                                              |
| <b>"[LOCALIZER or COURSE] CAPTURED"</b>                                            |                                                              |
| At Initial Downward Movement of Glide slope/path indicator or NLT 2 miles from FAF |                                                              |
|                                                                                    |                                                              |
| <b>"GEAR DOWN"</b>                                                                 |                                                              |
|                                                                                    | <b>"GEAR SELECTED DOWN"</b>                                  |
|                                                                                    | When gear indicates down                                     |
| <b>"GEAR INDICATES DOWN"</b>                                                       | <b>"GEAR INDICATES DOWN"</b>                                 |
| At FAF/FAP                                                                         |                                                              |
| <b>"FLAPS 25, SET MDA, LANDING CHECKLIST"</b>                                      |                                                              |
| Speed: Vref + 20                                                                   | <b>"FLAPS SELECTED 25"</b>                                   |
|                                                                                    | When flaps indicate 25                                       |
|                                                                                    | <b>"FLAPS INDICATED 25"</b>                                  |
| 1000 above minimums                                                                |                                                              |
|                                                                                    | In the absence of automation callout "1000 ABOVE MINIMUMS"   |
|                                                                                    | <b>"1000 ABOVE MINIMUMS"</b>                                 |
| 500 above minimums                                                                 |                                                              |
|                                                                                    | In the absence of automation callout "500 ABOVE MINIMUMS"    |
|                                                                                    | <b>"500 ABOVE MINIMUMS"</b>                                  |
| 100 feet above minimums                                                            |                                                              |
|                                                                                    | In the absence of Automation callout "APPROACHING MINIMUMS". |
|                                                                                    | <b>"APPROACHING MINIMUMS"</b>                                |
| At Minimums                                                                        |                                                              |

| PILOT FLYING<br>↓                                                             | PILOT MONITORING<br>↓                                                     |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <b><u>CIRCLING APPROACH</u></b>                                               |                                                                           |
|                                                                               | In the absence of Automation callout “MINIMUMS”.<br><br><b>"MINIMUMS"</b> |
| <b>"RUNWAY      O'CLOCK"</b>                                                  |                                                                           |
| <b>"RUNWAY INSIGHT, CIRCLING"</b>                                             |                                                                           |
| Commence circle maneuver                                                      |                                                                           |
| Leaving MDA                                                                   |                                                                           |
| <b>"LEAVING MDA, FLAPS 45"</b>                                                |                                                                           |
| Speed: Vref + 10                                                              |                                                                           |
|                                                                               | <b>"FLAP SELECTED 45"</b>                                                 |
|                                                                               | Select flaps 45°                                                          |
|                                                                               | <b>"FLAPS INDICATE 45"</b>                                                |
| <b>"AP/YD DISENGAGE"</b>                                                      |                                                                           |
| Disengage AP/YD                                                               |                                                                           |
|                                                                               | <b>"AP/YD DISENGAGED, LANDING<br/>CHECKLIST COMPLETE"</b>                 |
| At minimums without runway environment or approach lights in sight: go around |                                                                           |
| <b>"GO AROUND"</b>                                                            |                                                                           |

### 8.16 Steep Turns

| PILOT FLYING<br>↓                                    | PILOT MONITORING<br>↓ |
|------------------------------------------------------|-----------------------|
| <b><u>STEEP TURNS</u></b>                            |                       |
| Clean configuration                                  |                       |
| Establish safe altitude (3,000' AGL minimum per ACS) |                       |
| Speed - 185 KIAS                                     |                       |
| Wings - level                                        |                       |
| Power to maintain airspeed                           |                       |
| Start of maneuver                                    |                       |
| Bank: 45° ± 5°                                       |                       |
| Altitude: ± 100'                                     |                       |
| Speed: ± 10 KIAS                                     |                       |

| PILOT FLYING<br>↓                                 | PILOT MONITORING<br>↓ |
|---------------------------------------------------|-----------------------|
| <b><u>STEEP TURNS</u></b>                         |                       |
| Complete turn of at least 180° in both directions |                       |
| Exit maneuver                                     |                       |
| Maintain target altitude ±100'                    |                       |
| Wings level                                       |                       |
| Target heading ±10°                               |                       |
| Speed 185 KIAS ± 10kt                             |                       |

### 8.17 Inflight Powerplant Shutdown

| PILOT FLYING<br>↓                                | PILOT MONITORING<br>↓                                     |
|--------------------------------------------------|-----------------------------------------------------------|
| <b><u>INFLIGHT POWERPLANT SHUTDOWN</u></b>       |                                                           |
| "ENGINE SHUTDOWN OR FAILURE IN FLIGHT CHECKLIST" |                                                           |
|                                                  | "ENGINE SHUTDOWN OR FAILURE IN FLIGHT CHECKLIST"          |
| Complete checklist as a crew                     |                                                           |
|                                                  | "ENGINE SHUTDOWN OR FAILURE IN FLIGHT CHECKLIST COMPLETE" |
| Crew discuss and decide next steps               |                                                           |

### 8.18 Inflight Powerplant Restart

| PILOT FLYING<br>↓                         | PILOT MONITORING<br>↓                             |
|-------------------------------------------|---------------------------------------------------|
| <b><u>INFLIGHT POWERPLANT RESTART</u></b> |                                                   |
| "ENGINE RELIGHT CHECKLIST"                |                                                   |
|                                           | "[Appropriate] ENGINE RELIGHT CHECKLIST"          |
| Complete checklist as a crew              |                                                   |
|                                           | "[Appropriate] ENGINE RELIGHT CHECKLIST COMPLETE" |

Crew: Discuss and decide next steps

### 8.19 Powerplant Failure During Second Segment

| PILOT FLYING<br>↓                                        | PILOT MONITORING<br>↓                                                                        |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>POWERPLANT FAILURE DURING SECOND SEGMENT</b>          |                                                                                              |
|                                                          | Confirm: Gear up, main air valves closed & F/DK valve closed                                 |
| Climb at V2 to V2 +10 until flap retraction altitude     |                                                                                              |
|                                                          | Select briefed FD mode, confirm briefed procedure (SID, OEI, etc.), set appropriate altitude |
| ≥ 3.5 minutes passed: acceleration altitude not attained |                                                                                              |
|                                                          | <b>"3.5 MINUTES"</b>                                                                         |
| Level off and attain Vfto                                |                                                                                              |
| Passing V2 + 10                                          |                                                                                              |
| <b>"V2 + 10"</b>                                         |                                                                                              |
| <b>"FLAPS UP"</b>                                        |                                                                                              |
|                                                          | <b>"FLAPS SELECTED UP"</b>                                                                   |
|                                                          | When flaps indicate up                                                                       |
|                                                          | <b>"FLAPS INDICATE UP"</b>                                                                   |
| Climb at Vfto to acceleration altitude                   |                                                                                              |
| Within 5 minutes                                         |                                                                                              |
|                                                          | Disarm APR                                                                                   |
| At acceleration altitude                                 |                                                                                              |
| Accelerate to V <sub>enr</sub> /V <sub>enc</sub>         |                                                                                              |
| <b>"ENGINE SHUTDOWN OR FAILURE IN FLIGHT CHECKLIST"</b>  |                                                                                              |
|                                                          | <b>"ENGINE SHUTDOWN OR FAILURE IN FLIGHT CHECKLIST"</b>                                      |
|                                                          | Complete emergency checklist                                                                 |
|                                                          | <b>"ENGINE SHUTDOWN OR FAILURE IN FLIGHT CHECKLIST COMPLETE"</b>                             |
| < 3.5 minutes elapsed: acceleration altitude attained    |                                                                                              |
| Accelerate to V <sub>enr</sub> /V <sub>enc</sub>         |                                                                                              |
| Passing V2 + 10                                          |                                                                                              |
| <b>"V2 + 10"</b>                                         |                                                                                              |

| PILOT FLYING<br>↓                                                                    | PILOT MONITORING<br>↓                                            |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------|
| <b><u>POWERPLANT FAILURE DURING SECOND SEGMENT</u></b>                               |                                                                  |
| <b>"FLAPS UP"</b>                                                                    |                                                                  |
|                                                                                      | <b>"FLAPS SELECTED UP"</b>                                       |
|                                                                                      | When flaps indicate up                                           |
|                                                                                      | <b>"FLAPS INDICATE UP"</b>                                       |
|                                                                                      | Disarm APR                                                       |
| <b>"ENGINE SHUTDOWN OR FAILURE IN FLIGHT CHECKLIST"</b>                              |                                                                  |
|                                                                                      | <b>"ENGINE SHUTDOWN OR FAILURE IN FLIGHT CHECKLIST"</b>          |
|                                                                                      | Complete emergency checklist                                     |
|                                                                                      | <b>"ENGINE SHUTDOWN OR FAILURE IN FLIGHT CHECKLIST COMPLETE"</b> |
| DECIDE NEXT STEP (Immediate return, takeoff alternate, relight, etc.) and advise ATC |                                                                  |

#### ***8.20 OEI During Climb to En Route Altitude***

| PILOT FLYING<br>↓                                       | PILOT MONITORING<br>↓                                             |
|---------------------------------------------------------|-------------------------------------------------------------------|
| <b><u>OEI DURING CLIMB TO EN ROUTE ALTITUDE</u></b>     |                                                                   |
| Speed: V <sub>enr</sub>                                 |                                                                   |
|                                                         | Thrust: Set MCT                                                   |
| <b>"ENGINE SHUTDOWN or FAILURE IN FLIGHT CHECKLIST"</b> |                                                                   |
|                                                         | <b>"ENGINE SHUTDOWN or FAILURE IN FLIGHT CHECKLIST"</b>           |
|                                                         | Complete engine shutdown or failure in flight checklist           |
|                                                         | <b>"ENGINE SHUTDOWN or FAILURE IN FLIGHT CHECKLIST COMPLETED"</b> |
| Crew discuss and decide next steps                      |                                                                   |

### 8.21 Landing – Normal, Crosswind, Flap Malfunction, OEI, or from Instrument Approach

| PILOT FLYING<br>↓                                                                            | PILOT MONITORING<br>↓                                                                                           |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b><u>LANDING: NORMAL, CROSSWIND, FLAP MALFUNCTION, OEI, OR FROM INSTRUMENT APPROACH</u></b> |                                                                                                                 |
| After touchdown                                                                              |                                                                                                                 |
| Immediately lower nosewheel to the runway                                                    |                                                                                                                 |
| Airbrake/lift dump (as appropriate): OPEN                                                    |                                                                                                                 |
| Wheel Brakes: As required                                                                    |                                                                                                                 |
| Thrust Reversers: As required                                                                |                                                                                                                 |
| 80 KIAS                                                                                      |                                                                                                                 |
|                                                                                              | <b>"80 KNOTS"</b>                                                                                               |
| PILOT FLYING<br>↓                                                                            | PILOT MONITORING<br>↓                                                                                           |
| Left seat pilot takes tiller and pedals                                                      |                                                                                                                 |
| <b>"YOUR YOKE"</b>                                                                           |                                                                                                                 |
|                                                                                              | <b>"MY YOKE"</b>                                                                                                |
|                                                                                              | Right seat pilot takes/maintains yoke, applies appropriate crosswind input, releases pedal control to left seat |
| 50 KIAS                                                                                      |                                                                                                                 |
| Thrust reverser: Idle thrust                                                                 | Confirm idle thrust                                                                                             |
| Clear of runway                                                                              |                                                                                                                 |
| <b>"AFTER LANDING CHECKLIST"</b>                                                             |                                                                                                                 |
|                                                                                              | <b>"AFTER LANDING CHECKLIST"</b>                                                                                |
|                                                                                              | Complete after landing checklist                                                                                |
|                                                                                              | <b>"AFTER LANDING CHECKLIST COMPLETE"</b>                                                                       |



### 8.22 Climb

| PILOT FLYING<br>↓                        | PILOT MONITORING<br>↓          |
|------------------------------------------|--------------------------------|
| <b><u>CLIMB</u></b>                      |                                |
| Establish climb speed and thrust setting |                                |
| <b>"CLIMB CHECKS"</b>                    |                                |
|                                          | <b>"CLIMB CHECKS"</b>          |
|                                          | Complete climb checklist       |
|                                          | <b>"CLIMB CHECKS COMPLETE"</b> |

### 8.23 Descent

| PILOT FLYING<br>↓                          | PILOT MONITORING<br>↓            |
|--------------------------------------------|----------------------------------|
| <b><u>DESCENT</u></b>                      |                                  |
| Establish descent speed and thrust setting |                                  |
| <b>"DESCENT CHECKS"</b>                    |                                  |
|                                            | <b>"DESCENT CHECKS"</b>          |
|                                            | Complete descent checklist       |
|                                            | <b>"DESCENT CHECKS COMPLETE"</b> |

### 8.24 Emergency Evacuation

| PILOT FLYING<br>↓                                                          | PILOT MONITORING<br>↓ |
|----------------------------------------------------------------------------|-----------------------|
| <b><u>EMERGENCY EVACUATION</u></b>                                         |                       |
| Airplane: Stop                                                             |                       |
| WHEEL BRAKE lever: PARK                                                    |                       |
| HP COCKS: CLOSE                                                            |                       |
| LP COCKS: CLOSE                                                            |                       |
| EMERG LIGHTS (if required): MAN                                            |                       |
| PA: Order evacuation                                                       |                       |
| DUMP VALVE: OPEN                                                           |                       |
| BATT: OFF                                                                  |                       |
| <b>"EMERGENCY EVACUATION<br/>CHECKLIST"</b>                                |                       |
| Either pilot may confirm emergency evacuation checklist items are complete |                       |

|                                                  |
|--------------------------------------------------|
| <b>"EMERGENCY EVACUATION CHECKLIST COMPLETE"</b> |
| evacuate passengers and crew                     |

### 8.25 Ice Accumulation on Airframe

| PILOT FLYING<br>↓                                                                       | PILOT MONITORING<br>↓                        |
|-----------------------------------------------------------------------------------------|----------------------------------------------|
| <b><u>ICE ACCUMULATION ON AIRFRAME</u></b>                                              |                                              |
| Ice Detected light illuminated or visual confirmation of airframe ice accumulation      |                                              |
| <b>"ICING CONDITIONS CHECKLIST"</b>                                                     |                                              |
|                                                                                         | <b>"ICING CONDITIONS CHECKLIST"</b>          |
|                                                                                         | Complete icing conditions checklist          |
|                                                                                         | <b>"ICING CONDITIONS CHECKLIST COMPLETE"</b> |
| If malfunction present, see appropriate ice protection malfunction checklist            |                                              |
| If severe icing conditions encountered, see severe icing conditions limitations section |                                              |

### 8.26 Holding

| PILOT FLYING<br>↓                                                           | PILOT MONITORING<br>↓          |
|-----------------------------------------------------------------------------|--------------------------------|
| <b><u>HOLDING</u></b>                                                       |                                |
| Confirm holding instructions between crew                                   |                                |
|                                                                             | Input holding pattern into FMS |
|                                                                             | Advise PF of completion        |
| Confirm holding pattern is correct in FMS                                   |                                |
| No later than 3 minutes from holding fix, slow to cleared/appropriate speed |                                |
| Upon entering hold: advise position, time, altitude                         |                                |

## 9 Flows

### 9.1 Start Checks

| Designated Person | LEFT SEAT<br>↓    | RIGHT SEAT<br>↓ |
|-------------------|-------------------|-----------------|
| Checklist Trigger | START CHECKS      |                 |
|                   | Pilots at Station |                 |
|                   | Brakes            |                 |
|                   | Beacon            |                 |
|                   | Engine Computers  |                 |
|                   | Fuel Pumps        |                 |
|                   | Start Power       |                 |

### 9.2 After Start Checks

| Designated Person | LEFT SEAT<br>↓                         | RIGHT SEAT<br>↓     |
|-------------------|----------------------------------------|---------------------|
| Checklist Trigger | AFTER START CHECKS                     |                     |
|                   | Engines Stabilized                     |                     |
|                   | Start Power                            |                     |
|                   | Alternators                            |                     |
|                   | Heaters                                |                     |
|                   | Pitot Amps                             |                     |
|                   | Generators 1 & 2: check online         |                     |
|                   | Call for APU                           | APU: Trip Generator |
|                   | Volts & Amp's (including open bus tie) |                     |
|                   | Air Conditioning                       |                     |
|                   | Thrust Reverser's ARM                  |                     |
|                   | APR                                    |                     |
|                   | Airbrake                               |                     |

### 9.3 Line Up Checks

| Designated Person | LEFT SEAT<br>↓      | RIGHT SEAT<br>↓ |
|-------------------|---------------------|-----------------|
| Checklist Trigger | LINE UP CHECKS      |                 |
|                   | Cleared onto Runway |                 |
|                   | Flaps               | Lights          |
|                   | Airbrakes           | Flight Controls |
|                   | Trims               | Anti ice        |
|                   | Speeds              | Ignition        |

### 9.4 After Takeoff Checks

| Designated person | PILOT FLYING<br>↓                | PILOT MONITORING<br>↓                |
|-------------------|----------------------------------|--------------------------------------|
| Checklist Trigger | AFTER TAKEOFF CHECKS             |                                      |
|                   | Through Flap Retraction Altitude |                                      |
|                   |                                  | Flaps                                |
|                   |                                  | APR                                  |
|                   |                                  | Yaw Damper or Autopilot              |
|                   |                                  | Main Air Valves                      |
|                   |                                  | Engine Sync                          |
|                   |                                  | Engine Ignition                      |
|                   |                                  | Engine Anti Ice                      |
|                   |                                  | APU Bleed Air Off & or APU Shut Down |

### 9.5 Landing Checks

| Designated person | PILOT FLYING<br>↓ | PILOT MONITORING<br>↓ |
|-------------------|-------------------|-----------------------|
| Checklist Trigger | LANDING CHECKS    |                       |
|                   | Gear Down Call    |                       |
|                   |                   | Airbrakes             |
|                   |                   | Gear                  |
|                   |                   | APR                   |
|                   |                   | Engine Ignition       |
|                   |                   | Engine Sync           |
|                   |                   | Main Air Valves       |

### 9.6 After Landing Checks

| Designated Person | PILOT FLYING<br>↓    | PILOT MONITORING<br>↓ |
|-------------------|----------------------|-----------------------|
| Checklist Trigger | AFTER LANDING CHECKS |                       |
|                   | Clear of Runway      |                       |
|                   |                      | Airbrakes             |
|                   |                      | Flaps                 |
|                   |                      | Exterior Lights       |
|                   |                      | Pitot/Vane Heat       |
|                   |                      | Anti-Ice              |

### 9.7 Missed Approach

| Designated Person | PILOT FLYING<br>↓ | PILOT MONITORING<br>↓ |
|-------------------|-------------------|-----------------------|
| Checklist Trigger | MISSED APPROACH   |                       |
|                   | Gear Selected Up  |                       |
|                   |                   | NAV Source            |
|                   |                   | NAV/HDG Mode          |
|                   |                   | Alt Set/Verified      |
|                   |                   | FLC                   |
|                   |                   | Flaps                 |

## Appendix 1. Briefings

### 1 General.

Briefings enhance standardization and open communication channels between Crewmembers by setting expectations and encouraging all Crewmembers to participate and act as a team. Effective communication requires both input and feedback. The ultimate objective is for the Crew to know and understand the operation, not just cover bullet items of the briefings. It is up to the Crew to decide, in your professional judgement, what needs to be discussed in any given situation.

Briefings also conduct relevant information in an interactive and collaborative manner, providing each crewmember the opportunity to give input. Broader perspective and items are included below, however the following format will be followed when conducting a TPC briefing:

- **Threats.** Reference the Threat table (in the TPC (EXPANDED POLICY), below). This list is not all inclusive, but it is directed towards the most common Safety needs, and Operational Risks These will change as threats change and are to be used as a starting point.
- **Plans.** Brief relevant Plan items. These are listed on Normal Procedures Checklist as they are more likely to be relevant.
- **Considerations.** Considerations are how the crew will close the loop and pick up anything that did not fit in the aforementioned “Threats and Plans.”

Re-brief as necessary any changes to items previously briefed and encourage other Crewmembers to verbalize deviations from the briefed plan.

### 2 TPC (Expanded Policy)

#### 2.1 Threats

A general list of common threats applicable to flight operations is listed in Figure 1-1. This list is not all inclusive but is comprised of common industry safety and operational risks. These risks may change as threats are identified, reported, and analyzed by the TSWG through operator’s voluntary ASAP and SMS reporting.

| THREATS                                |                                            |                                            |
|----------------------------------------|--------------------------------------------|--------------------------------------------|
| AIRPORT/RUNWAY                         | ATC                                        | OPS/DISPATCH/MX                            |
| <input type="checkbox"/> Contamination | <input type="checkbox"/> Clearance changes | <input type="checkbox"/> Schedule pressure |
| <input type="checkbox"/> Construction  | <input type="checkbox"/> Departure/arrival | <input type="checkbox"/> Open squawks      |
| <input type="checkbox"/> Hotspots      | <input type="checkbox"/> Runway changes    | <input type="checkbox"/> Release changes   |
|                                        |                                            |                                            |
| ADVERSE WX                             | AIRCRAFT                                   | ENVIRONMENT                                |
| <input type="checkbox"/> Visibility    | <input type="checkbox"/> Systems           | <input type="checkbox"/> Terrain (GPWS)    |
| <input type="checkbox"/> Cold/hot      | <input type="checkbox"/> MELs              | <input type="checkbox"/> Night operations  |
| <input type="checkbox"/> Winds         | <input type="checkbox"/> Automation        | <input type="checkbox"/> Traffic (TCAS)    |

|                                            |                                                |                                               |
|--------------------------------------------|------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Turbulence/precip | <input type="checkbox"/> Performance           | <input type="checkbox"/> Uncontrolled airport |
|                                            |                                                |                                               |
| <b>GROUND/FBO</b>                          | <b>PHYSIOLOGY</b>                              | <b>CABIN/SERVICE</b>                          |
| <input type="checkbox"/> Catering          | <input type="checkbox"/> Fatigue               | <input type="checkbox"/> Passengers           |
| <input type="checkbox"/> Wing walkers      | <input type="checkbox"/> Situational awareness | <input type="checkbox"/> Technology (WiFi)    |
| <input type="checkbox"/> Delays            | <input type="checkbox"/> Nutrition             | <input type="checkbox"/> Stock/cleaning       |

## 2.2 Plan

The PF should collaborate with the PM on designing a plan to mitigate each identified threat. Briefings will then include any relevant Plan strategies.

## 2.3 Considerations

Considerations are discussed to close the loop between identified Threats and expected Plan(s) of action to either:

- Identify any items that were not previously included in the Threats and Plan discussion
- Identify any new threats introduced with the plan strategy(ies)

Re-brief as necessary any changes to items previously briefed and encourage other non-flying flight crewmembers (when available) to verbalize deviations from the briefed plan.

## Appendix G – HS-125 Learning Objectives

# HS-125 Standardized Curriculum





# 1 Overview – Course 1

## 1.1 Course 1 Training Hours Summary

| HS-125 Course 1                                     |               |        |                     |
|-----------------------------------------------------|---------------|--------|---------------------|
| Day 1                                               | Planned Hours | Ground | Systems Integration |
| Aircraft General, Water and Waste                   | 1.0           | 8.0    |                     |
| Aircraft Manuals                                    | 1.0           |        |                     |
| Auxiliary Power Unit                                | 1.0           |        |                     |
| Electrical                                          | 3.0           |        |                     |
| Powerplant                                          | 2.0           |        |                     |
| Day 2                                               | Planned Hours | Ground | Systems Integration |
| Oil System                                          | 0.5           | 8.0    |                     |
| Fuel System                                         | 1.5           |        |                     |
| Hydraulic System                                    | 1.0           |        |                     |
| Landing Gear and Brakes                             | 1.5           |        |                     |
| Thrust Reverse                                      | 1.0           |        |                     |
| Pneumatic and Environmental Systems                 | 2.5           |        |                     |
| Day 3                                               | Planned Hours | Ground | Systems Integration |
| Avionics                                            | 8.0           | 8.0    |                     |
| Day 4                                               | Planned Hours | Ground | Systems Integration |
| Ice Protection                                      | 1.7           | 8.0    |                     |
| Oxygen                                              | 1.0           |        |                     |
| Pitot-static System                                 | 0.8           |        |                     |
| Flight Controls                                     | 3.0           |        |                     |
| Fire and Smoke Detection Protection and Suppression | 1.5           |        |                     |
| Day 5                                               | Planned Hours | Ground | Systems Integration |
| Lighting                                            | 0.8           | 8.0    |                     |
| Flight Profiles and Maneuvers                       | 2.0           |        |                     |
| CRM                                                 | 4.0           |        |                     |
| Windshear                                           | 1.2           |        |                     |
| Day 6                                               | Planned Hours | Ground | Systems Integration |
| Weight and Balance                                  | 1.0           | 8.0    |                     |
| Flight Planning and Performance                     | 3.0           |        |                     |
| MEL and CDL                                         | 0.5           |        |                     |
| Preflight                                           | 2.5           |        |                     |
| Ground School Completion Exam                       | 1.0           |        |                     |

| Day 7 Systems Integration 1                                               | Planned Hours | Ground | Systems Integration |
|---------------------------------------------------------------------------|---------------|--------|---------------------|
| Interior and exterior preflight/Visual Inspection and prestart procedures | 1.0           |        | 4.0                 |
| Powerplant Start                                                          | 0.5           |        |                     |
| Before Takeoff Checks                                                     | 1             |        |                     |
| Use of FMS                                                                | 1.5           |        |                     |
| Day 8 Systems Integration 2                                               | Planned Hours | Ground | Systems Integration |
| Interior preflight and prestart procedures                                | 0.4           |        | 4.0                 |
| Powerplant Start                                                          | 0.2           |        |                     |
| Before Takeoff Checks                                                     | 0.3           |        |                     |
| Normal Takeoff and Climb                                                  | 0.3           |        |                     |
| Departure Procedures                                                      | 0.2           |        |                     |
| Holding                                                                   | 0.3           |        |                     |
| Normal Approach and Landing                                               | 0.3           |        |                     |
| Instrument Takeoff                                                        | 0.3           |        |                     |
| Arrival Procedures                                                        | 0.3           |        |                     |
| Precision Approach                                                        | 0.3           |        |                     |
| Missed Approach                                                           | 0.3           |        |                     |
| Nonprecision Approach                                                     | 0.3           |        |                     |
| Go-Around/Rejected Landing                                                | 0.2           |        |                     |
| Landing From a Precision Approach                                         | 0.1           |        |                     |
| After Landing, Parking and Securing                                       | 0.2           |        |                     |

| Day 9 Systems Integration 3                | Planned Hours | Ground | Systems Integration |
|--------------------------------------------|---------------|--------|---------------------|
| Interior preflight and prestart procedures | 0.2           |        | 4.0                 |
| Powerplant Start                           | 0.1           |        |                     |
| Before Takeoff Checks                      | 0.2           |        |                     |
| Rejected Takeoff                           | 0.1           |        |                     |
| Powerplant Failure During Takeoff at V1    | 0.2           |        |                     |
| Powerplant Failure During Second Segment   | 0.2           |        |                     |
| Missed Approach - OEI                      | 0.3           |        |                     |
| Normal Takeoff and Climb                   | 0.2           |        |                     |
| Departure Procedures                       | 0.2           |        |                     |
| Holding                                    | 0.2           |        |                     |
| Arrival Procedures                         | 0.3           |        |                     |
| Precision Approach                         | 0.3           |        |                     |
| Missed Approach                            | 0.3           |        |                     |
| Nonprecision Approach                      | 0.3           |        |                     |
| Go-Around/Rejected Landing                 | 0.3           |        |                     |
| Landing From a Precision Approach          | 0.1           |        |                     |
| Instrument Takeoff                         | 0.2           |        |                     |
| Normal Approach and Landing                | 0.2           |        |                     |
| After landing, parking and securing        | 0.1           |        |                     |

| <b>Simulator Session 1</b>                  | <b>Brief</b> | <b>Crew</b> | <b>Single</b>                                      |
|---------------------------------------------|--------------|-------------|----------------------------------------------------|
| Interior preflight and prestart procedures  | 2.0          | 4.0         | 4.0<br>(2.0 hours of<br>PF and 2.0<br>Hours of PM) |
| Powerplant start                            |              |             |                                                    |
| Taxi                                        |              |             |                                                    |
| Before takeoff checks                       |              |             |                                                    |
| Normal takeoff and climb                    |              |             |                                                    |
| Departure procedures                        |              |             |                                                    |
| Steep turns                                 |              |             |                                                    |
| Clean configuration stall prevention        |              |             |                                                    |
| Partial flap configuration stall prevention |              |             |                                                    |
| Landing configuration stall prevention      |              |             |                                                    |
| Recovery from unusual flight attitudes      |              |             |                                                    |
| Arrival procedures                          |              |             |                                                    |
| Normal approach and landing                 |              |             |                                                    |
| Go around/rejected landing                  |              |             |                                                    |
| Precision approach                          |              |             |                                                    |
| Missed approach                             |              |             |                                                    |
| Landing from a precision approach           |              |             |                                                    |
| After landing, parking and securing         |              |             |                                                    |

| <b>Simulator Session 2</b>              | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|-----------------------------------------|--------------|-------------|---------------|
| Powerplant start                        | 2.0          | 4.0         | 2.0           |
| Taxi                                    |              |             |               |
| Before takeoff checks                   |              |             |               |
| Lower than Standard Minimum Takeoff     |              |             |               |
| Departure procedures                    |              |             |               |
| TCAS resolution advisory (RA)           |              |             |               |
| TCAS resolution advisory (TA)           |              |             |               |
| Inflight powerplant failure and restart |              |             |               |
| Holding                                 |              |             |               |
| Non precision approach                  |              |             |               |
| Missed approach                         |              |             |               |
| Visual approach                         |              |             |               |
| Normal approach and landing             |              |             |               |

| <b>Simulator Session 3</b>                                                                  | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|---------------------------------------------------------------------------------------------|--------------|-------------|---------------|
| Taxi                                                                                        | 2.0          | 4.0         | 2.0           |
| Before takeoff checks                                                                       |              |             |               |
| Instrument takeoff                                                                          |              |             |               |
| Powerplant Failure During Takeoff at V1                                                     |              |             |               |
| Departure procedures                                                                        |              |             |               |
| Arrival procedures                                                                          |              |             |               |
| Precision Approach with Powerplant Failure (manual control)                                 |              |             |               |
| Missed approach OEI                                                                         |              |             |               |
| Approach and landing with a powerplant failure                                              |              |             |               |
| Rejected takeoff                                                                            |              |             |               |
| Normal takeoff and climb                                                                    |              |             |               |
| Inflight Powerplant Failure and Restart                                                     |              |             |               |
| Holding                                                                                     |              |             |               |
| Inflight fire and smoke                                                                     |              |             |               |
| Flight by reference to standby flight instruments, backup instrumentation, or partial panel |              |             |               |
| Non precision approach                                                                      |              |             |               |
| Airframe icing                                                                              |              |             |               |
| Visual approach                                                                             |              |             |               |
| Normal approach and landing                                                                 |              |             |               |
| Emergency evacuation                                                                        |              |             |               |

| <b>Simulator Session 4</b>                          | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|-----------------------------------------------------|--------------|-------------|---------------|
| Taxi                                                | 2.0          | 4.0         | 2.0           |
| Before Takeoff Checks                               |              |             |               |
| Normal Takeoff and Climb                            |              |             |               |
| Windshear escape maneuver during take off           |              |             |               |
| Departure Procedures                                |              |             |               |
| Steep Turns                                         |              |             |               |
| Recovery From Unusual Flight Attitudes              |              |             |               |
| TCAS Traffic Advisory (TA)                          |              |             |               |
| TCAS Resolution Advisory (RA)                       |              |             |               |
| Nonprecision Approach                               |              |             |               |
| Circling Approach                                   |              |             |               |
| Missed Approach                                     |              |             |               |
| Landing From a Circling Approach                    |              |             |               |
| Visual Approach (VFR Procedures)                    |              |             |               |
| Windshear escape maneuver during landing            |              |             |               |
| Go-Around/Rejected Landing                          |              |             |               |
| Normal Approach and Landing                         |              |             |               |
| Landing from a No Flap or Nonstandard Flap Approach |              |             |               |
| After landing, parking and securing                 |              |             |               |

| <b>Simulator Session 5</b>                                  | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|-------------------------------------------------------------|--------------|-------------|---------------|
| Interior preflight inspection and prestart procedures       | 2.0          | 4.0         | 2.0           |
| Powerplant Start                                            |              |             |               |
| Taxi                                                        |              |             |               |
| Before Takeoff Checks                                       |              |             |               |
| Rejected Takeoff                                            |              |             |               |
| Normal Takeoff and Climb                                    |              |             |               |
| Powerplant Failure During Second Segment                    |              |             |               |
| OEI Climb to En Route Altitude                              |              |             |               |
| Inflight Powerplant Failure and Restart                     |              |             |               |
| Precision Approach                                          |              |             |               |
| Landing From a Precision Approach                           |              |             |               |
| Instrument Takeoff                                          |              |             |               |
| Powerplant Failure During Takeoff at V1                     |              |             |               |
| Departure Procedures                                        |              |             |               |
| Precision Approach with Powerplant Failure (manual control) |              |             |               |
| Missed Approach - OEI                                       |              |             |               |
| Approach and Landing with a Powerplant Failure              |              |             |               |
| Stall Prevention and Recovery                               |              |             |               |
| Circling Approach                                           |              |             |               |
| Missed Approach                                             |              |             |               |
| Landing From a Circling Approach                            |              |             |               |
| Visual Approach (VFR Procedures)                            |              |             |               |
| Landing with Pitch Mistrim                                  |              |             |               |
| Inflight fire and smoke                                     |              |             |               |
| Normal Approach and Landing                                 |              |             |               |
| Emergency evacuation                                        |              |             |               |

| <b>Simulator Session 6 (LOFT)</b>                                                                                                                                                                                    | <b>Brief</b> | <b>Crew</b> | <b>Single</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|---------------|
| LOFT scenario shall be constructed in accordance with AC 120-35D (Flightcrew Member Line-Operational Simulations: Line-Oriented Flight Training, Special Purpose Operational Training, Line Operational Evaluation). | 2.0          | 4.0         | 4.0           |

## 1.2 Course 2 Training Hours Summary

| HS-125 Course 2                                      |               |        |                     |
|------------------------------------------------------|---------------|--------|---------------------|
| Day 1                                                | Planned Hours | Ground | Systems Integration |
| Aircraft Manuals                                     | 0.25          | 8.0    | 0.0                 |
| MEL and CDL                                          | 0.25          |        |                     |
| CRM                                                  | 1.00          |        |                     |
| Aircraft General                                     | 0.75          |        |                     |
| Weight and Balance                                   | 1.00          |        |                     |
| Flight Planning and Performance                      | 1.00          |        |                     |
| Flight Profiles and Maneuvers                        | 0.50          |        |                     |
| Avionics and Communications                          | 1.50          |        |                     |
| Windshear                                            | 0.25          |        |                     |
| Lighting                                             | 0.25          |        |                     |
| Auxiliary Power Unit                                 | 0.25          |        |                     |
| Electrical System                                    | 1.00          |        |                     |
| Day 2                                                | Planned Hours | Ground | Systems Integration |
| Avionics and Communications                          | 1.00          | 8.0    | 0.0                 |
| Powerplant                                           | 1.00          |        |                     |
| Oil System                                           | 0.25          |        |                     |
| Thrust Reverse                                       | 0.50          |        |                     |
| Fuel System                                          | 0.50          |        |                     |
| Hydraulic System                                     | 0.50          |        |                     |
| Landing Gear and Brakes                              | 0.50          |        |                     |
| Fire and Smoke Detection, Protection and Suppression | 0.50          |        |                     |
| Flight Controls                                      | 0.75          |        |                     |
| Pneumatic and Environmental Systems                  | 1.00          |        |                     |
| Pitot-static System                                  | 0.25          |        |                     |
| Ice Protection                                       | 0.50          |        |                     |
| Oxygen                                               | 0.25          |        |                     |
| Ground School Completion Exam                        | 0.50          |        |                     |

| Simulator Session 1                        | Brief | Crew | Single |
|--------------------------------------------|-------|------|--------|
| Interior preflight and prestart procedures |       |      |        |
| Powerplant Start                           |       |      |        |
| Taxi                                       |       |      |        |
| Before Takeoff Checks                      |       |      |        |
| Normal Takeoff and Climb                   |       |      |        |

| Simulator Session 1                         | Brief | Crew | Single |
|---------------------------------------------|-------|------|--------|
| Departure Procedures                        |       |      |        |
| Steep Turns                                 |       |      |        |
| Recovery From Unusual Flight Attitudes      |       |      |        |
| Clean Configuration Stall prevention        |       |      |        |
| Partial Flap Configuration Stall Prevention |       |      |        |
| Landing Configuration Stall Prevention      |       |      |        |
| Arrival Procedures                          |       |      |        |
| Precision Approach                          |       |      |        |
| Missed Approach                             |       |      |        |
| Go-Around/Rejected Landing                  |       |      |        |
| Landing From a Precision Approach           |       |      |        |
| Normal Approach and Landing                 |       |      |        |

| Simulator Session 2                                 | Brief | Crew | Single |
|-----------------------------------------------------|-------|------|--------|
| Taxi                                                |       |      |        |
| Instrument takeoff                                  |       |      |        |
| Stall Prevention and Recovery                       |       |      |        |
| TCAS Traffic Advisory (TA)                          |       |      |        |
| TCAS Resolution Advisory (RA)                       |       |      |        |
| Decompression                                       |       |      |        |
| Emergency Decent                                    |       |      |        |
| Holding                                             |       |      |        |
| Non-precision Approach                              |       |      |        |
| Missed Approach                                     |       |      |        |
| Inflight Powerplant Failure and Restart             |       |      |        |
| Circling Approach                                   |       |      |        |
| Landing From a Circling Approach                    |       |      |        |
| Visual Approach                                     |       |      |        |
| Landing from a No Flap or Nonstandard Flap Approach |       |      |        |
| Landing with Pitch Mistrim                          |       |      |        |

| Simulator Session 3                                         | Brief | Crew | Single |
|-------------------------------------------------------------|-------|------|--------|
| Taxi                                                        |       |      |        |
| Rejected Takeoff                                            |       |      |        |
| Instrument Takeoff                                          |       |      |        |
| Powerplant Failure During Takeoff at V1                     |       |      |        |
| Airframe icing                                              |       |      |        |
| Precision Approach with Powerplant Failure (manual control) |       |      |        |
| Missed Approach - OEI                                       |       |      |        |

| Simulator Session 3                                                                         | Brief | Crew | Single |
|---------------------------------------------------------------------------------------------|-------|------|--------|
| Precision Approach                                                                          |       |      |        |
| Landing From a Precision Approach                                                           |       |      |        |
| Lower than Standard Minimum Takeoff                                                         |       |      |        |
| Powerplant Failure During Second Segment                                                    |       |      |        |
| OEI Climb to En Route Altitude                                                              |       |      |        |
| Non-precision Approach                                                                      |       |      |        |
| Approach and Landing with a Powerplant Failure                                              |       |      |        |
| Inflight fire and smoke                                                                     |       |      |        |
| Flight by reference to standby flight instruments, backup instrumentation, or partial panel |       |      |        |
| Emergency evacuation                                                                        |       |      |        |

## 2 Ground School Learning Objectives – Course 1

### 2.1 Course 1 – Ground School Learning Objectives

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                     |                                                                                                                                                   |
|-----------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                               | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Aircraft General, Water and Waste                   | Understand Crew and Passenger Emergency Equipment - survival gear   | Can explain the location, purpose and operation of emergency equipment in the aircraft                                                            |
| Aircraft General, Water and Waste                   | Understand Crew and Passenger Emergency Equipment - emergency exits | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Aircraft General, Water and Waste                   | Understand Crew and Passenger Emergency Equipment - emergency exits | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Aircraft General, Water and Waste                   | Understand Crew and Passenger Emergency Equipment - emergency exits | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Aircraft General, Water and Waste                   | Understand evacuation procedures and crew duties                    | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |



| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                        |                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                           | <b>KNOWLEDGE &amp;<br/>COGNITIVE LEARNING<br/>OBJECTIVES</b>                                                                                                                                                                                                                        |
| Aircraft General,<br>Water and Waste                       | Understand Crew and Passenger Emergency<br>Equipment - emergency exits |                                                                                                                                                                                                                                                                                     |
| Aircraft General,<br>Water and Waste                       | Understand Crew and Passenger Emergency<br>Equipment - emergency exits |                                                                                                                                                                                                                                                                                     |
| Aircraft General,<br>Water and Waste                       | Understand Crew and Passenger Emergency<br>Equipment - emergency exits |                                                                                                                                                                                                                                                                                     |
| Aircraft General,<br>Water and Waste                       | Understand evacuation procedures and crew<br>duties                    |                                                                                                                                                                                                                                                                                     |
| Aircraft General,<br>Water and Waste                       | Understand installed equipment and furnishings                         | Can describe normal and<br>abnormal operation of the<br>aircraft exits, galleys, water<br>and waste systems, lavatories,<br>cargo areas, crewmember and<br>passenger seats, bulkheads,<br>seating and/or cargo<br>configurations, and<br>nonemergency equipment and<br>furnishings. |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Aircraft General, Water and Waste                   | Understand Specific Flight Characteristics | Can describe Any aircraft characteristics relevant to all weather operations, such as flight deck visibility cutoff angles and the effect on flight deck visibility of proper eye height, seat position or instrument lighting intensities related to transition through areas of varying brightness levels. Pilots should be aware of the effects on flight visibility related to use of different flap settings, approach speeds, use of various landing or taxi lights, and proper procedures for use of windshield wipers and rain repellent. If windshield defog, anti-ice, or de-icing systems affect forward visibility, pilots should be aware of those effects and be familiar with proper settings for use of that equipment related to low-visibility landing. |
| Aircraft General, Water and Waste                   | Understand Specific Flight Characteristics | Can describe Visual reference information and address aircraft geometry limitations on visual references, actions to take with loss or partial loss of visual references, risks of inappropriate use of visual references, and necessary visual references for continuation after MDA or DA/DH. Issues discussed in Chapter 4, Procedures, for continuation or discontinuation of an approach should be comprehensively addressed.                                                                                                                                                                                                                                                                                                                                        |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                           |                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                              | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                              |
| Aircraft Manuals                                           | Understand Crew and Passenger Emergency Equipment - emergency exits                                       | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Electrical System -batteries                                                                   | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Electrical System - alternators                                                                | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Electrical System - generators                                                                 | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Electrical System - circuit breakers and protection devices                                    | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Electrical System - controls                                                                   | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Electrical System - indicators                                                                 | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Electrical System - external and auxiliary power sources. (ground power and APU)               | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Lighting                                                                                       | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Pitot Static System - associated instruments and the power source for those flight instruments | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Pitot Static System - Operation and power sources for other flight instruments                 | Can obtain information from OEM manuals with regard to the systems and components |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                          |                                                                                   |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                             | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                              |
| Aircraft Manuals                                           | Understand Avionics and communications - autopilot                                                       | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - Electronic Flight Instrument Systems (EFIS)                     | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - Flight Management System (FMS)                                  | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - Radar                                                           | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - Inertial Navigation Systems (INS)                               | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - Global Navigation Satellite System (GNSS)                       | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - ground-based navigation systems and components                  | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - transponder                                                     | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - Automatic Dependent Surveillance – Broadcast (ADS-B) In and Out | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - ADS – Contract (ADS-C)                                          | Can obtain information from OEM manuals with regard to the systems and components |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                         |                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                            | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                              |
| Aircraft Manuals                                           | Understand Avionics and communications - traffic awareness/warning/avoidance systems                    | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - terrain awareness/warning/alert systems                        | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - indicating devices                                             | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Avionics and communications - emergency locator transmitter.                                 | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Powerplant - turbine wheels                                                                  | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Powerplant - compressors                                                                     | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Powerplant - deicing, anti-icing                                                             | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Powerplant - controls and indications                                                        | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Powerplant - oil system capacity and quantities                                              | Can obtain information from OEM manuals with regard to the systems and components |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                   |                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                              |
| Aircraft Manuals                                           | Understand Powerplant - allowable types of oil                                                    | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Powerplant - thrust reverse                                                            | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Propellers - type                                                                      | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand propellers - feathering/unfeathering                                                   | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand propellers - auto-feather                                                              | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand propellers - negative torque sensing                                                   | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand propellers - synchronizing                                                             | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand propellers - synchrophasing                                                            | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand propeller - thrust reverse and uncommanded reverse                                     | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fire & smoke detection, protection, and suppression - powerplant                       | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fire & smoke detection, protection, and suppression - cargo and passenger compartments | Can obtain information from OEM manuals with regard to the systems and components |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                                                                   |                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                              |
| Aircraft Manuals                                           | Understand Fire & smoke detection, protection, and suppression - lavatory                                                                         | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fire & smoke detection, protection, and suppression - pneumatic and environmental                                                      | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fire & smoke detection, protection, and suppression - electrical/avionics, and batteries (on-aircraft and personal electronic devices) | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fuel system - capacity and quantities                                                                                                  | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fuel system - drains                                                                                                                   | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fuel system - pumps                                                                                                                    | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fuel system - controls and indicators                                                                                                  | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fuel system - fuel substitutions                                                                                                       | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fuel system - cross-feeding                                                                                                            | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fuel system - transferring                                                                                                             | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fuel system - jettison                                                                                                                 | Can obtain information from OEM manuals with regard to the systems and components |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                           |                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                              | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                              |
| Aircraft Manuals                                           | Understand Fuel system - fuel grade                       | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fuel system - additives                        | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Fuel system - fueling and defueling procedures | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Hydraulic system - capacity                    | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Hydraulic system - pumps                       | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Hydraulic system - pressure                    | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Hydraulic system - reservoirs                  | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Hydraulic system - allowable types of fluid    | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Hydraulic system - regulators/accumulators     | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Landing Gear - extension/retraction system     | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Landing Gear - indicators                      | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Landing Gear - brakes                          | Can obtain information from OEM manuals with regard to the systems and components |



| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                 |                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                    | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                              |
| Aircraft Manuals                                           | Understand Landing Gear - antiskid                              | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Landing Gear - tires                                 | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Landing Gear - nosewheel steering                    | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Landing Gear - shock absorbers                       | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Flight Controls - Ailerons                           | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Flight Controls - elevator                           | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Flight Controls - rudder                             | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Flight Controls - control tabs                       | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Flight Controls - control boost/augmentation systems | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Flight Controls - flaps                              | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Flight Controls - spoilers                           | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Flight Controls - leading edge devices               | Can obtain information from OEM manuals with regard to the systems and components |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                              |                                                                                   |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                 | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                              |
| Aircraft Manuals                                           | Understand Flight Controls - speed brakes                                                    | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Flight Controls - stability augmentation system (e.g., yaw damper)                | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Flight Controls - trim systems                                                    | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Ice Protection - anti-ice & de-ice.                                               | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Ice Protection - pitot-static system protection                                   | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Ice Protection windshield                                                         | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Ice Protection airfoil surfaces                                                   | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Pneumatic and environmental system - heating, cooling, ventilation                | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Pneumatic and environmental system - pressurization                               | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Pneumatic and environmental system - supply for ice protection systems            | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Pneumatic and environmental system - controls, indicators, and regulating devices | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                           | Understand Crew and Passenger Equipment - oxygen system                                      | Can obtain information from OEM manuals with regard to the systems and components |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                                                                                                                                                            |                                                                                                                                                                                    |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                                                                                                                                                               | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                               |
| Aircraft Manuals                                           | Understand Crew and Passenger Equipment - quick donning oxygen mask for crewmembers                                                                                                                                                        | Can obtain information from OEM manuals with regard to the systems and components                                                                                                  |
| Aircraft Manuals                                           | Understand Crew and Passenger Equipment - passenger oxygen system                                                                                                                                                                          | Can obtain information from OEM manuals with regard to the systems and components                                                                                                  |
| Aircraft Manuals                                           | Understand Envelope protection—angle of attack warning and protection and speed protection                                                                                                                                                 | Can obtain information from OEM manuals with regard to the systems and components                                                                                                  |
| Aircraft Manuals                                           | Understand Avionics and communications - GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system  | Can obtain required navigation equipment for approach operations using WAAS or any operational restrictions/limitations, as outlined in the AFM, RFM, AFMS, OpSpec, MSPEC, or LOA. |
| Aircraft Manuals                                           | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that AFM guidelines supersede all other information                                                                                                                    |
| Auxiliary Power Unit                                       | Understand Auxiliary Power Unit (APU)                                                                                                                                                                                                      | Can demonstrate familiarization with the contents of OEM manuals with regard to the systems and components                                                                         |
| Auxiliary Power Unit                                       | Understand Auxiliary Power Unit (APU)                                                                                                                                                                                                      | Can describe the operation of the airplane systems and components using correct terminology                                                                                        |
| Auxiliary Power Unit                                       | Understand Auxiliary Power Unit (APU)                                                                                                                                                                                                      | Can explain system or component limitations                                                                                                                                        |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                    |                                                                                                                                                   |
|------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                       | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Auxiliary Power Unit                                       | Understand Auxiliary Power Unit (APU)                                              | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Auxiliary Power Unit                                       | Understand Auxiliary Power Unit (APU)                                              | Can explain immediate action items or memory items, if appropriate                                                                                |
| Auxiliary Power Unit                                       | Understand Auxiliary Power Unit (APU)                                              | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Auxiliary Power Unit                                       | Understand Auxiliary Power Unit (APU)                                              | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Auxiliary Power Unit                                       | Understand Auxiliary Power Unit (APU)                                              |                                                                                                                                                   |
| Auxiliary Power Unit                                       | Understand Auxiliary Power Unit (APU)                                              |                                                                                                                                                   |
| Auxiliary Power Unit                                       | Understand Auxiliary Power Unit (APU)                                              |                                                                                                                                                   |
| Auxiliary Power Unit                                       | Understand Auxiliary Power Unit (APU)                                              |                                                                                                                                                   |
| Avionics and Communications                                | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that RNAV 1 requires a total system error of not more than 1 nautical mile (NM) for 95 percent of the total flight time.              |
| Avionics and Communications                                | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that RNAV 2 requires a total system error of not more than 2 NM for 95 percent of the total flight time                               |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                    |                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                 |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that Receiver Autonomous Integrity Monitoring (RAIM) is a technique used within a GPS receiver/processor to monitor GPS signal performance and is achieved by a consistency check among redundant measurements.                               |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that an Instrument Departure Procedure (DP) is a published instrument flight rules (IFR) procedure providing obstruction clearance from the terminal area to the en route structure.                                                          |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that a SID is a published IFR air traffic control (ATC) DP providing obstacle clearance and a transition from the terminal area to the en route structure.                                                                                    |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that an obstacle Departure Procedure (ODP) is a preplanned IFR DP printed for pilot use in textual or graphic form to provide obstruction clearance via the least onerous route from the terminal area to the appropriate en route structure. |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that a Standard Terminal Arrival (STAR) is a published IFR ATC arrival procedure that provides a transition from the en route structure to the terminal area                                                                                  |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that an RNAV route within the high or low altitude structure of the contiguous United States, is designated by a “Q” or “T”                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                    |                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that operation on U.S. RNAV routes, DPs and STARs relies on normal descent profiles and identifies minimum segment altitude requirements                                                                                                                                                                                                     |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that pilots operating aircraft with an approved barometric vertical navigation (baro-VNAV) system may continue to use their baro-VNAV system while executing U.S. RNAV routes, DPs, and STARs, however operators must ensure compliance with all altitude constraints as published in the procedure by reference to the barometric altimeter |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that operation on U.S. RNAV routes, DPs and STARs does not require the pilot to monitor ground-based Navigational Aids (NAVAID) used in position updating unless required by the Airplane Flight Manual (AFM), pilot's operating handbook (POH), or the operating manual for their avionics                                                  |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that operation on U.S. RNAV routes, DPs and STARs bases obstacle clearance assessments on the associated required RNAV system performance                                                                                                                                                                                                    |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                    |                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                    |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that the onboard navigation data must be current and appropriate for the region of intended operation and must include the navigation aids, waypoints, and relevant coded terminal airspace procedures for the departure, arrival, and alternate airfields.                                                                                      |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS)            | Can explain that at system initialization, pilots must confirm the navigation database is current and verify the aircraft's present position.                                                                                                                                                                                                                |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS)            | Can explain that RNAV DP and STAR procedures must be retrieved by procedure name from the onboard navigation database and conform to the charted procedure                                                                                                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS)            | Can explain that whenever possible, RNAV routes should be extracted from the database in their entirety, rather than loading RNAV route waypoints from the database into the flight plan individually. Selecting and inserting individual, named fixes from the database is permitted, provided all fixes along the published route to be flown are inserted |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS)            | Can explain that manual entry of waypoints using latitude/longitude or place/bearing is not permitted                                                                                                                                                                                                                                                        |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS)            | Can explain that pilots must not change any RNAV DP or STAR database waypoint type from a flyby to a flyover or vice versa.                                                                                                                                                                                                                                  |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                         |                                                                                                                                                                                                                                |
|-----------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                   | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                      |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS) | Can explain that flightcrews should crosscheck the cleared flight plan against charts or other applicable resources, as well as the navigation system textual display and the aircraft map display, if applicable              |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS) | Can explain the importance of verification of assigned route and correct entry of transitions into RNAV System/FMS                                                                                                             |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS) | Can explain the importance of verifying their aircraft navigation system is operating correctly and the correct runway and DP (including any applicable en route transition) are entered and properly depicted prior to flight |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS) | Can explain the importance of verifying proper entry of their ATC assigned route upon initial clearance and after any subsequent change of route.                                                                              |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS) | Can explain the importance of verifying their aircraft navigation system is operating correctly and the transition and arrival runway is entered and properly displayed                                                        |



| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                   | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS) | Can explain that manually selecting aircraft bank limiting functions may reduce the aircraft's ability to maintain its desired track and are not recommended. Pilots should recognize manually selectable aircraft bank-limiting functions might reduce their ability to satisfy ATC path expectations, especially when executing large angle turns. This should not be construed as a requirement to deviate from AFM procedures; rather, pilots should be encouraged to limit the selection of such functions within accepted procedures |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS) | Can explain that DPs and STARs are flown as RNAV 1 procedures. RNAV routes are flown as RNAV 2 unless otherwise specified                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS) | Can explain that For DPs, the pilot must be able to engage RNAV equipment to follow flight guidance for lateral RNAV no later than 500 feet above airport elevation.                                                                                                                                                                                                                                                                                                                                                                       |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS) | Can explain that pilots must use a lateral deviation indicator (or equivalent navigation map display), flight director and/or autopilot in lateral navigation mode on RNAV 1 routes. The full-scale course deviation indicator (CDI) deflection value of $\pm 1$ NM is acceptable                                                                                                                                                                                                                                                          |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                       | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS)            | Can explain that pilots of aircraft without GPS/GNSS, using DME/DME/IRU, must ensure the aircraft navigation system position is confirmed, within 1,000 feet, at the start point of takeoff roll. The use of an automatic or manual runway update is an acceptable means of compliance with this requirement. A navigation map may also be used to confirm aircraft position, if pilot procedures and display resolution allow for compliance with the 1,000-foot tolerance requirement |
| Avionics and Communications                                | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that the pilot must notify ATC of any loss of the RNAV capability, together with the proposed course of action. If unable to comply with the requirements of an RNAV procedure, pilots must advise ATC as soon as possible.                                                                                                                                                                                                                                                 |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS)            | Can describe the depiction of waypoint types (flyover and flyby) and path terminators                                                                                                                                                                                                                                                                                                                                                                                                   |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS)            | Can describe the required navigation equipment for operation on RNAV routes, DPs, and STARs (for example, DME/DME/IRU and GPS/GNSS)                                                                                                                                                                                                                                                                                                                                                     |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS)            | Can describe system specific levels of automation, mode annunciations, mode changes, alerts, interactions, reversions and degradation                                                                                                                                                                                                                                                                                                                                                   |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                         |                                                                                                                                                                |
|------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                            | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                           |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS) | Can describe the functional interaction with other aircraft systems                                                                                            |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS) | Can describe the meaning and appropriateness of route discontinuities as well as related flightcrew procedures                                                 |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS) | Can describe the monitoring procedures for each phase of flight (for example, monitor PROG or LEGS page)                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS) | Can explain the types of navigation sensors (for example, DME, IRU, GPS/GNSS) utilized by the RNAV system and associated system prioritization/weighting/logic |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS) | Can explain turn anticipation regarding speed and altitude effects                                                                                             |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS) | Can describe proper interpretation of electronic displays and symbols                                                                                          |
| Avionics and Communications                                | Understand Avionics and communications - autopilot                      | Can describe the operation of the airplane systems and components using correct terminology                                                                    |
| Avionics and Communications                                | Understand Avionics and communications - autopilot                      | Can explain system or component limitations                                                                                                                    |
| Avionics and Communications                                | Understand Avionics and communications - autopilot                      | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                             |
| Avionics and Communications                                | Understand Avionics and communications - autopilot                      | Can explain immediate action items or memory items, if appropriate                                                                                             |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                      |                                                                                                                                                   |
|------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                         | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Avionics and Communications                                | Understand Avionics and communications - autopilot                                   | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Avionics and Communications                                | Understand Avionics and communications - autopilot                                   | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                                | Understand Avionics and communications - Electronic Flight Instrument Systems (EFIS) | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Electronic Flight Instrument Systems (EFIS) | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Electronic Flight Instrument Systems (EFIS) | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                                | Understand Avionics and communications - Electronic Flight Instrument Systems (EFIS) | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS)              | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS)              | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS)              | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                            |                                                                                                                                                   |
|------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                               | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS)    | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Avionics and Communications                                | Understand Avionics and communications - Flight Management System (FMS)    | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                                | Understand Avionics and communications - Radar                             | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Radar                             | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Radar                             | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Avionics and Communications                                | Understand Avionics and communications - Inertial Navigation Systems (INS) | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Inertial Navigation Systems (INS) | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Inertial Navigation Systems (INS) | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                                | Understand Avionics and communications - Inertial Navigation Systems (INS) | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                         |                                                                                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                            | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Avionics and Communications                                | Understand Avionics and communications - Inertial Navigation Systems (INS)              | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                                | Understand Avionics and communications - Global Navigation Satellite System (GNSS)      | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Global Navigation Satellite System (GNSS)      | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Global Navigation Satellite System (GNSS)      | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                                | Understand Avionics and communications - Global Navigation Satellite System (GNSS)      | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Avionics and Communications                                | Understand Avionics and communications - Global Navigation Satellite System (GNSS)      | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                                | Understand Avionics and communications - ground-based navigation systems and components | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - ground-based navigation systems and components | Can explain system or component limitations                                                                                                       |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                          |                                                                                                                                                   |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                             | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Avionics and Communications                                | Understand Avionics and communications - ground-based navigation systems and components                  | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Avionics and Communications                                | Understand Avionics and communications - ground-based navigation systems and components                  | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                                | Understand Avionics and communications - transponder                                                     | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - transponder                                                     | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Avionics and Communications                                | Understand Avionics and communications - Automatic Dependent Surveillance – Broadcast (ADS-B) In and Out | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Automatic Dependent Surveillance – Broadcast (ADS-B) In and Out | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                                | Understand Avionics and communications - Automatic Dependent Surveillance – Broadcast (ADS-B) In and Out | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                                | Understand Avionics and communications - Automatic Dependent Surveillance – Broadcast (ADS-B) In and Out | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                          |                                                                                                                                                   |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                             | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Avionics and Communications                                | Understand Avionics and communications - Automatic Dependent Surveillance – Broadcast (ADS-B) In and Out | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems                     | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems                     | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems                     | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems                     | Can explain immediate action items or memory items, if appropriate                                                                                |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems                     | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems                     | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                                | Understand Avionics and communications - terrain awareness/warning/alert systems                         | Can describe the operation of the airplane systems and components using correct terminology                                                       |



| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                         |                                                                                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                            | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Avionics and Communications                                | Understand Avionics and communications - terrain awareness/warning/alert systems                        | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                                | Understand Avionics and communications - terrain awareness/warning/alert systems                        | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                                | Understand Avionics and communications - terrain awareness/warning/alert systems                        | Can explain immediate action items or memory items, if appropriate                                                                                |
| Avionics and Communications                                | Understand Avionics and communications - terrain awareness/warning/alert systems                        | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Avionics and Communications                                | Understand Avionics and communications - terrain awareness/warning/alert systems                        | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                         |                                                                                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                            | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Avionics and Communications                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                                | Understand Avionics and communications - indicating devices                                             | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - indicating devices                                             | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                                | Understand Avionics and communications - indicating devices                                             | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Avionics and Communications                                | Understand Avionics and communications - indicating devices                                             | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                                | Understand Avionics and communications - emergency locator transmitter.                                 | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Avionics and communications - emergency locator transmitter.                                 | Can explain system or component limitations                                                                                                       |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                            |                                                                                                                                                   |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                               | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Avionics and Communications                                | Understand Avionics and communications - emergency locator transmitter.                    | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                                | Understand Avionics and communications - emergency locator transmitter.                    | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Avionics and Communications                                | Understand Avionics and communications - emergency locator transmitter.                    | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                                | Understand Envelope protection—angle of attack warning and protection and speed protection | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                                | Understand Envelope protection—angle of attack warning and protection and speed protection | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                                | Understand Envelope protection—angle of attack warning and protection and speed protection | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                                | Understand Envelope protection—angle of attack warning and protection and speed protection | Can explain immediate action items or memory items, if appropriate                                                                                |
| Avionics and Communications                                | Understand Envelope protection—angle of attack warning and protection and speed protection | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                            |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand Envelope protection—angle of attack warning and protection and speed protection | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                         | Understand Avionics and communications - autopilot                                         |                                                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - autopilot                                         |                                                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - autopilot                                         |                                                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - autopilot                                         |                                                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - Electronic Flight Instrument Systems (EFIS)       |                                                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - Electronic Flight Instrument Systems (EFIS)       |                                                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - Electronic Flight Instrument Systems (EFIS)       |                                                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - Electronic Flight Instrument Systems (EFIS)       |                                                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS)                    |                                                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS)                    |                                                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS)                    |                                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                    |                                           |
|-----------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Avionics and Communications                         | Understand Avionics and communications - Flight Management System (FMS)            |                                           |
| Avionics and Communications                         | Understand Avionics and communications - Radar                                     |                                           |
| Avionics and Communications                         | Understand Avionics and communications - Radar                                     |                                           |
| Avionics and Communications                         | Understand Avionics and communications - Radar                                     |                                           |
| Avionics and Communications                         | Understand Avionics and communications - Radar                                     |                                           |
| Avionics and Communications                         | Understand Avionics and communications - Inertial Navigation Systems (INS)         |                                           |
| Avionics and Communications                         | Understand Avionics and communications - Inertial Navigation Systems (INS)         |                                           |
| Avionics and Communications                         | Understand Avionics and communications - Inertial Navigation Systems (INS)         |                                           |
| Avionics and Communications                         | Understand Avionics and communications - Inertial Navigation Systems (INS)         |                                           |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) |                                           |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) |                                           |
| Avionics and Communications                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS) |                                           |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                          |                                                              |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                             | <b>KNOWLEDGE &amp;<br/>COGNITIVE LEARNING<br/>OBJECTIVES</b> |
| Avionics and Communications                                | Understand Avionics and communications - Global Navigation Satellite System (GNSS)                       |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - ground-based navigation systems and components                  |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - ground-based navigation systems and components                  |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - ground-based navigation systems and components                  |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - ground-based navigation systems and components                  |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - transponder                                                     |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - transponder                                                     |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - transponder                                                     |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - transponder                                                     |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - Automatic Dependent Surveillance – Broadcast (ADS-B) In and Out |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - Automatic Dependent Surveillance – Broadcast (ADS-B) In and Out |                                                              |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                          |                                           |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                                                                                    | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Avionics and Communications                         | Understand Avionics and communications - Automatic Dependent Surveillance – Broadcast (ADS-B) In and Out |                                           |
| Avionics and Communications                         | Understand Avionics and communications - Automatic Dependent Surveillance – Broadcast (ADS-B) In and Out |                                           |
| Avionics and Communications                         | Understand Avionics and communications - ADS – Contract (ADS-C)                                          |                                           |
| Avionics and Communications                         | Understand Avionics and communications - ADS – Contract (ADS-C)                                          |                                           |
| Avionics and Communications                         | Understand Avionics and communications - ADS – Contract (ADS-C)                                          |                                           |
| Avionics and Communications                         | Understand Avionics and communications - ADS – Contract (ADS-C)                                          |                                           |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems                     |                                           |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems                     |                                           |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems                     |                                           |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems                     |                                           |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                         |                                                              |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                            | <b>KNOWLEDGE &amp;<br/>COGNITIVE LEARNING<br/>OBJECTIVES</b> |
| Avionics and Communications                                | Understand Avionics and communications - terrain awareness/warning/alert systems                        |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - terrain awareness/warning/alert systems                        |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - terrain awareness/warning/alert systems                        |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - terrain awareness/warning/alert systems                        |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite) |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - indicating devices                                             |                                                              |
| Avionics and Communications                                | Understand Avionics and communications - indicating devices                                             |                                                              |



| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                            |                                           |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Avionics and Communications                         | Understand Avionics and communications - indicating devices                                |                                           |
| Avionics and Communications                         | Understand Avionics and communications - indicating devices                                |                                           |
| Avionics and Communications                         | Understand Avionics and communications - emergency locator transmitter.                    |                                           |
| Avionics and Communications                         | Understand Avionics and communications - emergency locator transmitter.                    |                                           |
| Avionics and Communications                         | Understand Avionics and communications - emergency locator transmitter.                    |                                           |
| Avionics and Communications                         | Understand Avionics and communications - emergency locator transmitter.                    |                                           |
| Avionics and Communications                         | Understand Envelope protection—angle of attack warning and protection and speed protection |                                           |
| Avionics and Communications                         | Understand Envelope protection—angle of attack warning and protection and speed protection |                                           |
| Avionics and Communications                         | Understand Envelope protection—angle of attack warning and protection and speed protection |                                           |
| Avionics and Communications                         | Understand Envelope protection—angle of attack warning and protection and speed protection |                                           |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                                                                                                                |                                                                                                                               |
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| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                                                                                                                   | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                          |
| Avionics and Communications                                | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can describe the meaning and proper use of aircraft equipment/navigation capability codes used on the flight plan             |
| Avionics and Communications                                | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can explain instrument procedure characteristics as determined from chart depiction and textual description                   |
| Avionics and Communications                                | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can interpret the depiction of waypoint types (flyover and flyby) as well as associated aircraft flightpaths                  |
| Avionics and Communications                                | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can explain that a waypoint may be a flyover in one procedure and the same waypoint may also be a flyby in another procedure; |
| Avionics and Communications                                | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can list required equipment for RNP operations                                                                                |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                                                                                                                |                                                                                                                    |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                                                                                                                   | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                               |
| Avionics and Communications                                | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can interpret aircraft automation, mode annunciations, changes, alerts, interactions, reversions, and degradations |
| Avionics and Communications                                | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can explain functional integration with other aircraft systems                                                     |
| Avionics and Communications                                | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can explain the meaning of route discontinuities and appropriate flightcrew procedures;                            |
| Avionics and Communications                                | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can list the types of navigation sensors used by the RNP system and their annunciations                            |
| Avionics and Communications                                | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can explain turn anticipation with consideration to speed and altitude effects                                     |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                                                                |                                                                                                                                                                 |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                                                                                                                          | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                       |
| Avionics and Communications                         | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can interpret electronic displays and symbols                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can describe appropriate selection of course deviation indicator (CDI) scaling (lateral deviation display scaling)                                              |
| Avionics and Communications                         | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can explain the importance of maintaining the published path and maximum airspeeds while performing RNP operations with Radius to Fix (RF) legs (if applicable) |
| Avionics and Communications                         | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. | Can interpret the depiction of path terminators, associated aircraft flightpaths, altitude, and speed restrictions                                              |
| Avionics and Communications                         | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                                                                                                                                 |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                                                                                                           |                                                                                                                                                                      |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                                                                                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                            |
| Avionics and Communications                         | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations.                                            | Can describe flightcrew contingency procedures for a loss of RNP capability; and                                                                                     |
| Avionics and Communications                         | Understand Avionics and communications - RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations.                                            | Can explain the performance requirement to couple the autopilot (AP)/flight director (FD) to the navigation system's lateral guidance on RNP procedures, if required |
| Avionics and Communications                         | Understand Avionics and communications - GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can describe the meaning and proper use of aircraft equipment/navigation suffixes                                                                                    |
| Avionics and Communications                         | Understand Avionics and communications - GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can explain instrument procedure characteristics as determined from chart depiction and textual description                                                          |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                                                                                                           |                                                                                                                     |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                                                                                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                           |
| Avionics and Communications                         | Understand Avionics and communications - GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can state that manual change of waypoints included in the approach is prohibited                                    |
| Avionics and Communications                         | Understand Avionics and communications - GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can differentiate between ILS flight guidance cues and LPV guidance cues                                            |
| Avionics and Communications                         | Understand Avionics and communications - GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can describe levels of automation, mode annunciations, changes, alerts, interactions, reversions, and degradations. |
| Avionics and Communications                         | Understand Avionics and communications - GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can describe functional integration with other aircraft systems                                                     |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                                                                                                           |                                                                                       |
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| COURSE 1                                            | TASKS                                                                                                                                                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                             |
| Avionics and Communications                         | Understand Avionics and communications - GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can describe the performance requirement and the fail-down capabilities of the system |
| Avionics and Communications                         | Understand Avionics and communications - GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system |                                                                                       |
| Avionics and Communications                         | Understand Avionics and communications - GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system |                                                                                       |
| Avionics and Communications                         | Understand Avionics and communications - GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can describe alternate airport requirements and selection of an alternate airport.    |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                                                                                                            |                                                                                                |
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| COURSE 1                                            | TASKS                                                                                                                                                                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                      |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can differentiate between "substitute means of navigation" and "alternate means of navigation" |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain the definition of Alternate Means of Navigation                                    |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can state the definition of RAIM                                                               |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain the definition of Substitute Means of Navigation                                   |



| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                                                                                                                                                               | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                                                                                                                                                                                                                                      |
| Avionics and Communications                                | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can describe the ways in which a suitable RNAV system may be used                                                                                                                                                                                                                                                                                                                         |
| Avionics and Communications                                | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that the ways in which a suitable RNAV system may be used still apply, even when a facility is identified as required                                                                                                                                                                                                                                                         |
| Avionics and Communications                                | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that unless otherwise specified, an otherwise suitable RNAV system cannot be used for navigation on procedures that are identified as not authorized by notam. (For example, an operator may not use a RNAV system to navigate on a procedure affected by an expired or unsatisfactory flight inspection, or a procedure that is based upon a recently decommissioned NAVAID) |
| Avionics and Communications                                | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that an otherwise suitable RNAV system cannot be used for substitution of the NAVAID providing lateral guidance for the final approach segment                                                                                                                                                                                                                                |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| COURSE 1                                            | TASKS                                                                                                                                                                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that an otherwise suitable RNAV system cannot be used for Lateral navigation on LOC-based courses (including LOC back-course guidance) without reference to raw LOC data                                                                                                                                                                                                                                                                                                 |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that The navigation data should be current for the duration of the flight. If the Aeronautical Information Regulation and Control (AIRAC) cycle will change during flight, operators and pilots should establish procedures to ensure the accuracy of navigation data, including suitability of navigation facilities used to define the routes and procedures for flight. Traditionally, this has been accomplished by verifying electronic data against paper products |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that Pilots must extract waypoints, NAVAIDs, and fixes by name from the onboard navigation database and comply with the charted procedure or route                                                                                                                                                                                                                                                                                                                       |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                              |
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| COURSE 1                                            | TASKS                                                                                                                                                                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                    |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that pilots may not manually enter published procedure or route waypoints via latitude/longitude, place/bearing, or place/bearing/distance into the aircraft system                                                                                                                                                                                                                              |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that Pilots are expected to accurately track procedure and route centerlines (CL), as depicted by onboard lateral deviation indicators (LDI), displays, and/or flight guidance during all operations described in this AC unless otherwise authorized to deviate by air traffic control (ATC) or in the instance of an emergency condition                                                       |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that Operators operating under parts 91K, 121, 125, 129, and 135 must also be equipped with at least one other independent navigation system in addition to an installed and operable RNAV system. This additional system must be suitable, in the event of loss of navigation capability of the RNAV system, for proceeding safely to a suitable airport and completing an instrument approach. |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                    |
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| COURSE 1                                            | TASKS                                                                                                                                                                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                          |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that ADF equipment need not be installed and operational, although operators of aircraft without an ADF will be bound by the operational requirements defined in AC 90-108 and not have access to some procedures (that is, there may be instances when some operations might not be conducted without ADF equipment). |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that for the purposes of flight planning, any required alternate airport must have an available IAP that does not require the use of GPS.                                                                                                                                                                              |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that RNAV systems using GPS input may be used as an alternate means of navigation without restriction.                                                                                                                                                                                                                 |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain RAIM prediction requirements when using GPS as a substitute means of navigation                                                                                                                                                                                                                                        |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                                                                                                            |                                                                                                                                                                                                                               |
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| COURSE 1                                            | TASKS                                                                                                                                                                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                     |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that RNAV systems using WAAS input may be used as an alternate means of navigation without restriction.                                                                                                           |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that operators planning to use TSO-C145/-C146 equipment as a substitute means of navigation must check WAAS NOTAMs and confirm WAAS availability for the applicable operation and time                            |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that RNAV systems using DME/DME/IRU, without GPS input, may be used as an alternate means of navigation where valid DME/DME position updating is published as available (for example, by NOTAM or authorization). |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| COURSE 1                                            | TASKS                                                                                                                                                                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Avionics and Communications                         | Understand Avionics and communications - suitability and use of Area Navigation (RNAV) systems while operating on, or transitioning to, conventional, i.e., non-RNAV, routes and procedures within the U.S. National Airspace System (NAS) | Can explain that In order to use a substitute means of navigation on departure procedures, pilots of aircraft with RNAV systems using DME/DME/IRU, without GPS input, must ensure their aircraft navigation system position is confirmed, within 1,000 feet, at the start point of takeoff roll. The use of an automatic or manual runway update is an acceptable means of compliance with this requirement. A navigation map display may also be used to confirm aircraft position, if pilot procedures and display resolution allow for compliance with the 1,000-foot tolerance requirement. |
| Avionics and Communications                         | Understand Avionics and communications - ground-based navigation systems and components                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| COURSE 1                                            | TASKS                                                                                   | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Avionics and Communications                         | Understand Avionics and communications - ground-based navigation systems and components | Can describe The navigation systems to be used, such as the instrument landing system (ILS) with its associated critical area protection criteria, marker beacons, distance measuring equipment (DME), compass locators, or other relevant systems should be addressed to the extent necessary for safe operations. For Ground Based Augmentation System (GBAS) Landing System (GLS)), any characteristics or constraints regarding that method of navigation must be addressed (e.g., proper procedure waypoint selection and use, integrity assurance, loss of satellite availability or failure, terrain masking). |
| Avionics and Communications                         | Understand Avionics and communications - ground-based navigation systems and components | Can identify Visual aids including Approach Lighting Systems (ALS), runway lighting systems, markings/lighting associated with declared distances, taxiway lighting, color coding of the centerline lighting for distance remaining, Low-Visibility Operations (LVO)/Surface Movement Guidance and Control System (SMGCS) lighting, and any other lighting systems relevant to an AWO environment should be addressed.                                                                                                                                                                                                |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| COURSE 1                                            | TASKS                                                                                   | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Avionics and Communications                         | Understand Avionics and communications - ground-based navigation systems and components | Can identify automatic or perform manual input requiring parameters, such as inbound course or automatic/manually tuned navigation frequencies, the importance of checking that proper selections have been made to ensure appropriate system performance, and the sequence and management of any mode changes.                                                                                                                                                                                                                                                                                                                        |
| Avionics and Communications                         | Understand Avionics and communications - ground-based navigation systems and components |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Avionics and Communications                         | Understand Avionics and Communications - Instruments                                    | Can interpret situation information displays, as applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Avionics and Communications                         | Understand Avionics and Communications - Supporting Systems                             | Can interpret Other associated instrumentation and displays including any head-up display, guidance system, vision system, monitoring displays, status displays, mode annunciation displays, failure or warning annunciations, and associated system status displays that may be relevant. When such airborne systems are used as the basis for category(s) of minima (e.g., HUD or SVGS for Special Authorization (SA) CAT I; AP, F/D, or HUD for CAT I Landing Minima with Reduced Lighting (RVR 1800)), training should address the relationships between the various system components and the minima for which they are required. |



| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                                  | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Avionics and Communications                                | Understand Avionics and Communications - Instruments                                                          | Can describe proper application of controlling and/or advisory RVR, appropriate runway light settings, and proper determination of RVR values reported at foreign facilities.                                                                                                                                                                                                                                                                                                     |
| Avionics and Communications                                | Understand Avionics and Communications - Instruments                                                          | Can describe proper application of MDA, DA/DH, or AH, including proper use and setting of altimeter bugs, use of the inner marker (IM) where authorized or required due to irregular underlying terrain, and appropriate altimeter setting procedures for the barometric altimeter consistent with the operator's practice of using either altimeter setting referenced to airport ambient local pressure (QNH) or altimeter setting referenced to airport field elevation (QFE). |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems - TCAS Failure procedure | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device                                                                                                                                                                                                                                                                                                                                 |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems                          | Can define TA (Traffic Advisory) as Aural voice and display information provided by TCAS to a flightcrew, identifying the location of nearby traffic that meets certain minimum separation criteria                                                                                                                                                                                                                                                                               |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems                          | Can describe TCAS on-ground performance                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                      |                                                                                                                           |
|------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                         | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                      |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that the see-and-avoid concept is still valid even with TCAS                                               |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can define Increase, reversal, crossing, and weakened Ras                                                                 |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that That TCAS II assures separation from aircraft equipped with an altitude-reporting transponder;        |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can explain the detection and protection provided by TCAS against altitude-reporting and non-altitude-reporting intruders |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that the system detects multiple aircraft                                                                  |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can explain TCAS to TCAS coordination                                                                                     |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate the potential impact of not following RAs                                                                  |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can differentiate between TCAS surveillance range versus display range                                                    |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can explain when an intruder will not be displayed                                                                        |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                      |                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can explain the normal, expected pilot response to TAs, RAs, use of displayed traffic information to establish visual contact, and constraints on maneuvering based solely on Tas.                                                                                                                          |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems |                                                                                                                                                                                                                                                                                                             |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can state RA inhibit altitudes                                                                                                                                                                                                                                                                              |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can discuss the risks inherent to an inability to comply with an RA due to aircraft performance limitations after an engine failure, and appropriate response to RAs in limiting performance conditions, such as during heavy weight takeoff or while en route at maximum altitude for a particular weight. |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can explain communication and coordination with ATC related to or following a TCAS event, when to contact ATC, and accepted TCAS phraseology.                                                                                                                                                               |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can identify TCAS symbology                                                                                                                                                                                                                                                                                 |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can explain radar altimeter inputs to TCAS, and weather radar/electronic flight information system (EFIS) interfaces                                                                                                                                                                                        |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                      |                                                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                     |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can demonstrate familiarization with AFM provisions including information on TCAS modes of operation; normal and atypical flightcrew operating procedures; and response to TAs, RAs, and any AFM limitations. |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can demonstrate familiarization with MEL procedures related to TCAS                                                                                                                                           |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can describe appropriate pilot response to TCAS RAs and TAs, ATC clearance compliances and nuisance alerts.                                                                                                   |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can state that TCAS interrogates other transponder-equipped aircraft within a nominal range of 14 nautical miles (NM).                                                                                        |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that TCAS surveillance range can be reduced in geographic areas with a large number of ground interrogators and/or TCAS II equipped aircraft                                                   |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can state that TAs can be issued against any transponder-equipped aircraft which responds to the ICAO Mode C interrogations, even if the aircraft does not have altitude reporting capability.                |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can state that RAs can be issued only against aircraft that are reporting altitude and only in the vertical plane                                                                                             |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                      |                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                            |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can state that RAs issued against a TCAS-equipped intruder are coordinated to ensure the issuance of complementary RAs                                                                                                                                                                                                                               |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can explain that TCAS advisories are based on time to CPA rather than distance. The time must be short and vertical separation must be small, or projected to be small, before an advisory can be issued. The separation standards provided by Air Traffic Services (ATS) are different from the missed distances against which TCAS issues an alert |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can explain that the time must be short and vertical separation must be small, or projected to be small, before an advisory can be issued.                                                                                                                                                                                                           |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that the separation standards provided by Air Traffic Services (ATS) are different from the missed distances against which TCAS issues an alert                                                                                                                                                                                       |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that the thresholds for issuing a TA or RA vary with altitude, and are larger at higher altitudes.                                                                                                                                                                                                                                    |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that TA threshold (trigger point) varies from 20 to 48 seconds before the projected CPA and the RA tau threshold varies from 15 to 35 seconds                                                                                                                                                                                         |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                      |                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                         | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                                                                                                                                                                             |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can explain that RAs are chosen to provide the desired vertical missed distance at CPA. As a result, RAs can instruct a climb or descent through the intruder aircraft's altitude.                                                                                                                                               |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that TCAS will neither track nor display non-transponder-equipped aircraft, nor aircraft not responding to TCAS Mode C interrogations.                                                                                                                                                                            |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can explain that TCAS will automatically fail if the input from the aircraft's barometric altimeter, radio altimeter, or transponder is lost                                                                                                                                                                                     |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that TCAS may not display all proximate transponder-equipped aircraft in areas of high-density traffic.                                                                                                                                                                                                           |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that, Because of design limitations, the bearing displayed by TCAS is not sufficiently accurate to support the initiation of horizontal maneuvers based solely on the traffic display                                                                                                                             |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that Because of design limitations, TCAS will not track intruders with a Vertical Speed (VS) in excess of 10,000 feet per minute (fpm). In addition, the design implementation may result in some short-term errors in the tracked VS of an intruder during periods of high vertical acceleration by the intruder |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                      |                                                                                                                                                                                                                                 |
|-----------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                       |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that Ground proximity warning system (GPWS) warnings and windshear warnings take precedence over TCAS advisories. When either a GPWS or windshear warning is active, TCAS aural annunciations will be inhibited. |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that “INCREASE DESCENT” RAs are inhibited below 1,450 (±100) feet AGL                                                                                                                                            |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that “DESCEND” RAs are inhibited below 1,100 (±100) feet AGL.                                                                                                                                                    |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that all RAs are inhibited below 1,000 (±100) feet AGL.                                                                                                                                                          |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that all TCAS aural annunciations are inhibited below 500 (±100) feet AGL.                                                                                                                                       |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that . If your aircraft type provides RA climb and increase climb commands at certified ceiling, the commands are to be followed.                                                                                |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                      |                                                                                                                                                                                                                                                               |
|------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                         | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                                                                                                          |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can demonstrate the proper use of controls including appreciate that low display ranges are used in the terminal area and the higher display ranges are used in the en route environment and in the transition between the terminal and en route environment. |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can demonstrate the proper use of controls including appreciate that if available, recommended usage of the “ABOVE/BELOW” mode selector. “ABOVE” mode should be used during climb and the “BELOW” mode should be used during descent.                         |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can demonstrate the proper use of controls including appreciate that the configuration of the display does not affect the TCAS surveillance volume.                                                                                                           |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can demonstrate the proper use of controls including appreciate the benefits of selecting lower ranges when an advisory is issued, in order to increase display resolution                                                                                    |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can demonstrate the proper use of controls including differentiate between the display of absolute altitude and relative altitude and explain the limitations of using this display if a barometric correction is not provided to TCAS.                       |



| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                      |                                                                                                                                                                  |
|------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                         | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                             |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can execute proper configuration to display the appropriate TCAS information without eliminating the display of other needed information.                        |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can recognize traffic within the selected display range that is not proximate traffic, (not causing a TA or RA to be issued).                                    |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can recognize proximate traffic in the display, i.e., traffic that is within 6 NM and $\pm 1200$ feet.                                                           |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can recognize non-altitude reporting traffic in the display.                                                                                                     |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can recognize no bearing TAs and RAs                                                                                                                             |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can determine when it is necessary to change the selected range for off-scale TAs and RAs to ensure that all available information on the intruder is displayed. |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can describe how to select the minimum available display range which allows the display of TAs to provide the maximum display resolution                         |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can describe how to select the minimum available display range which allows the display of TAs to provide the maximum display resolution                         |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                      |                                                                                                                                                                                                                            |
|------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                         | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                                                                       |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that navigation displays oriented on track-up may require a pilot to make a mental adjustment for drift angle when assessing the bearing of proximate traffic.                                              |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can explain the meaning of the red and green areas displayed on the RA display and when the green areas will and will not be displayed.                                                                                    |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can demonstrate general familiarization with the operator's guidance for the use of "TA-ONLY."                                                                                                                             |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that if "TA-ONLY" is not selected when an airport is conducting simultaneous operations from parallel runways separated by less than 1,200 feet, and to some intersecting runways, RAs can be expected      |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that in TA mode, the TA aural annunciation is inhibited below 500 feet AGL. As a result, TAs issued below 500 feet AGL may not be noticed unless the TA display is included in the routine instrument scan. |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can appreciate that in TA-ONLY mode, TAs will be issued at the time an RA is normally issued.                                                                                                                              |
| Avionics and Communications                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems | Can describe the division of duties between Pilot Flying (PF) and pilot monitoring (PM)                                                                                                                                    |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                           |                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                         |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems                                                                      | Can state the expected callouts during a TA or RA                                                                                                                                                                                                                                 |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems                                                                      | Can describe proper communications with ATC during a TA or RA                                                                                                                                                                                                                     |
| Avionics and Communications                         | Understand Avionics and communications - traffic awareness/warning/avoidance systems                                                                      | Can describe the conditions under which an RA may not be followed and who will make this decision                                                                                                                                                                                 |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) |                                                                                                                                                                                                                                                                                   |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) |                                                                                                                                                                                                                                                                                   |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain C073 is authorized for runways served by a published RNAV IAP (“RNAV (GPS),” “RNAV (RNP),” or “GPS” in the title) with a published lateral navigation (LNAV)/VNAV or Required Navigation Performance (RNP) DA, and is selected from an approved and current database. |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                           |                                                                                                                                                                                                                                                                                               |
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| COURSE 1                                            | TASKS                                                                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                     |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain C073 is authorized for runways served by a published RNAV IAP (“RNAV (GPS),” “RNAV (RNP),” or “GPS” in the title) with a published lateral navigation (LNAV)/VNAV or Required Navigation Performance (RNP) DA, and has the exact published final approach course as the RNAV IAP. |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain C073 is authorized for runways served by a published RNAV IAP (“RNAV (GPS),” “RNAV (RNP),” or “GPS” in the title) with a published lateral navigation (LNAV)/VNAV or Required Navigation Performance (RNP) DA, and the MDA is equal to or higher than the LNAV/VNAV or RNP DA.    |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| COURSE 1                                            | TASKS                                                                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain C073 is authorized for runways served by a published RNAV IAP (“RNAV (GPS),” “RNAV (RNP),” or “GPS” in the title) with a published lateral navigation (LNAV)/VNAV or Required Navigation Performance (RNP) DA, and has a published VDA coincident with or higher than the barometric vertical guidance (glideslope (GS)) on the published RNAV IAP. A published VDA is not required when using the LNAV minima line on an RNAV IAP that also has a published lateral approach procedures with vertical guidance (LPV) and/or LNAV/VNAV DA. |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain C073 is authorized for runways served by a published instrument landing system (ILS), Global Positioning System (GPS) landing system (GLS), or RNAV IAP with LPV minima, and Is selected from an approved and current database.                                                                                                                                                                                                                                                                                                            |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain C073 is authorized for runways served by a published instrument landing system (ILS), Global Positioning System (GPS) landing system (GLS), or RNAV IAP with LPV minima, and has the exact published final approach course as the ILS, GLS, or RNAV IAP.                                                                                                                                                                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain C073 is authorized for runways served by a published instrument landing system (ILS), Global Positioning System (GPS) landing system (GLS), or RNAV IAP with LPV minima, and the MDA is equal to or higher than the ILS, GLS, or LPV DA.                                                                                                                                                                                                                   |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain C073 is authorized for runways served by a published instrument landing system (ILS), Global Positioning System (GPS) landing system (GLS), or RNAV IAP with LPV minima, and has a published VDA coincident with or higher than the electronic GS on the published ILS, GLS, or RNAV IAP.<br>(i) A published VDA is not required on an ILS/Localizer (LOC) approach when the ILS GS is out of service and the approach is flown using LOC-only procedures. |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| COURSE 1                                            | TASKS                                                                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                       |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain C073 is authorized for runways served by a published instrument landing system (ILS), Global Positioning System (GPS) landing system (GLS), or RNAV IAP with LPV minima, and has a published VDA coincident with or higher than the electronic GS on the published ILS, GLS, or RNAV IAP.<br>(ii) A published VDA is not required when using the LNAV minima line on an RNAV IAP that also has a published LPV and/or LNAV/VNAV DA. |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain VNAV Path Angle Limits. The VNAV path angle must be in the range of 2.75 to 3.77 degrees for Category A, B, and C airplanes and 2.75 to 3.50 degrees for Category D airplanes                                                                                                                                                                                                                                                       |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain when operating into an airfield with a 14 CFR Part 139 Visual Glide Slope Indicator (VGSI), the VDA or GS on the published final approach course must be coincident with or higher than the published VGSI descent angle. Note: The certificate holder must refer to the FAA Chart Supplement to verify that there are no VGSI restrictions if the final approach course is offset from the extended RCL.                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                          |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain when operating into an airfield with a 14 CFR Part 139 Visual Glide Slope Indicator (VGSI), the published final approach course must be within plus or minus 4 degrees of the runway centerline (RCL). Note: The certificate holder must refer to the FAA Chart Supplement to verify that there are no VGSI restrictions if the final approach course is offset from the extended RCL. |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain the certificate holder may use baro-VNAV as advisory information to an MDA when the airfield temperature is outside of the RNAV (GPS) or RNAV (RNP) IAP temperature range limitation if the following requirements are met: do not use the MDA as a DA.                                                                                                                                |
| Avionics and Communications                         | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain the certificate holder may use baro-VNAV as advisory information to an MDA when the airfield temperature is outside of the RNAV (GPS) or RNAV (RNP) IAP temperature range limitation if the following requirements are met: the MDA must be equal to or higher than the DA.                                                                                                            |



| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                                                                           |                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                                                                              | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                                                                                                                                                       |
| Avionics and Communications                                | Understand OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) | Can explain the certificate holder may use baro-VNAV as advisory information to an MDA when the airfield temperature is outside of the RNAV (GPS) or RNAV (RNP) IAP temperature range limitation if the following requirements are met: the MDA and DA must have the same published final approach course. |
| Avionics and Communications                                | Understand OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems                                                       |                                                                                                                                                                                                                                                                                                            |
| Avionics and Communications                                | Understand OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems                                                       |                                                                                                                                                                                                                                                                                                            |
| Avionics and Communications                                | Understand OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems                                                       | Can explain how pilots should notify ATC of conditions (e.g., equipment failures and weather conditions) that may affect the ability of the aircraft to maintain position within the designated B-RNAV/RNAV 5 airspace.                                                                                    |
| Avionics and Communications                                | Understand OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems                                                       | Can explain RNP-5 as it relates to B-RNAV/RNAV 5 requirements in B-RNAV/RNAV 5 airspace                                                                                                                                                                                                                    |
| Avionics and Communications                                | Understand OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems                                                       | Can explain airspace where B-RNAV/RNAV 5 is required.                                                                                                                                                                                                                                                      |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                     |                                                                                                                                                                                                                                                       |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                        | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                                                                                                  |
| Avionics and Communications                                | Understand OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems | Can explain changes to charting and documents to reflect B-RNAV/RNAV 5                                                                                                                                                                                |
| Avionics and Communications                                | Understand OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems | Can explain navigation equipment required to be operational for flight in designated B-RNAV/RNAV 5 airspace, and the limitations associated with the RNAV equipment                                                                                   |
| Avionics and Communications                                | Understand OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems | Can explain flight planning requirements                                                                                                                                                                                                              |
| Avionics and Communications                                | Understand OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems | Can explain Contingency procedures (e.g., for equipment failure)                                                                                                                                                                                      |
| Avionics and Communications                                | Understand OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems | Can explain en route, terminal, and approach procedures applicable to B-RNAV/RNAV 5                                                                                                                                                                   |
| Avionics and Communications                                | Understand OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems | Can explain the pilot information in AC 90-96 Approval of U.S. Operators and Aircraft To Operate Under Instrument Flight Rules (IFR) In European Airspace Designated For Basic Area Navigation (B-RNAV)/RNAV 5 and Precision Area Navigation (P-RNAV) |
| CRM/SRM                                                    | Understand Mitigating Risks of an Incorrect Airport Surface Approach and Landing                    | Can explain the characteristics of effective CRM                                                                                                                                                                                                      |
| CRM/SRM                                                    | Understand Crew Resource Management (CRM)                                                           | Can evaluate the authority of the pilot in command;                                                                                                                                                                                                   |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                           |                                                                                                                                                                                                            |
|------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                              | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                                                       |
| CRM/SRM                                                    | Understand Crew Resource Management (CRM) | Can discuss communication processes, decisions, and coordination, to include communication with Air Traffic Control, personnel performing flight locating and other operational functions, and passengers; |
| CRM/SRM                                                    | Understand Crew Resource Management (CRM) | Can manage building and maintenance of a flight team;                                                                                                                                                      |
| CRM/SRM                                                    | Understand Crew Resource Management (CRM) | Can discuss workload and time management;                                                                                                                                                                  |
| CRM/SRM                                                    | Understand Crew Resource Management (CRM) | Can discuss methods for ensuring situational awareness is maintained                                                                                                                                       |
| CRM/SRM                                                    | Understand Crew Resource Management (CRM) | Can appreciate the effects of fatigue on performance, avoidance strategies and countermeasures;                                                                                                            |
| CRM/SRM                                                    | Understand Crew Resource Management (CRM) | Can appreciate the effects of stress and stress reduction strategies                                                                                                                                       |
| CRM/SRM                                                    | Understand Crew Resource Management (CRM) | Can determine aeronautical decision-making and judgment training tailored to the operator's flight operations and aviation environment.                                                                    |
| CRM/SRM                                                    | Understand Crew Resource Management (CRM) | Can explain the airplane pilot competency framework and associated observable behaviors                                                                                                                    |
| CRM/SRM                                                    | Understand Crew Resource Management (CRM) | Can relate the airplane pilot competency framework to threat and error management                                                                                                                          |
| Electrical System                                          | Understand Electrical System -batteries   | Can describe the operation of the airplane systems and components using correct terminology                                                                                                                |
| Electrical System                                          | Understand Electrical System -batteries   | Can explain system or component limitations                                                                                                                                                                |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                            |                                                                                                                                                   |
|------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                               | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Electrical System                                          | Understand Electrical System -batteries    | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Electrical System                                          | Understand Electrical System -batteries    | Can explain immediate action items or memory items, if appropriate                                                                                |
| Electrical System                                          | Understand Electrical System -batteries    | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Electrical System                                          | Understand Electrical System -batteries    | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Electrical System                                          | Understand Electrical System - alternators | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Electrical System                                          | Understand Electrical System - alternators | Can explain system or component limitations                                                                                                       |
| Electrical System                                          | Understand Electrical System - alternators | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Electrical System                                          | Understand Electrical System - alternators | Can explain immediate action items or memory items, if appropriate                                                                                |
| Electrical System                                          | Understand Electrical System - alternators | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Electrical System                                          | Understand Electrical System - alternators | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                        |                                                                                                                                                   |
|------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                           | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Electrical System                                          | Understand Electrical System - generators                              | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Electrical System                                          | Understand Electrical System - generators                              | Can explain system or component limitations                                                                                                       |
| Electrical System                                          | Understand Electrical System - generators                              | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Electrical System                                          | Understand Electrical System - generators                              | Can explain immediate action items or memory items, if appropriate                                                                                |
| Electrical System                                          | Understand Electrical System - generators                              | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Electrical System                                          | Understand Electrical System - generators                              | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Electrical System                                          | Understand Electrical System - circuit breakers and protection devices | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Electrical System                                          | Understand Electrical System - circuit breakers and protection devices | Can explain system or component limitations                                                                                                       |
| Electrical System                                          | Understand Electrical System - circuit breakers and protection devices | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Electrical System                                          | Understand Electrical System - circuit breakers and protection devices | Can explain immediate action items or memory items, if appropriate                                                                                |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                        |                                                                                                                                                   |
|------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                           | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Electrical System                                          | Understand Electrical System - circuit breakers and protection devices | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Electrical System                                          | Understand Electrical System - circuit breakers and protection devices | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Electrical System                                          | Understand Electrical System - controls                                | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Electrical System                                          | Understand Electrical System - controls                                | Can explain system or component limitations                                                                                                       |
| Electrical System                                          | Understand Electrical System - controls                                | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Electrical System                                          | Understand Electrical System - controls                                | Can explain immediate action items or memory items, if appropriate                                                                                |
| Electrical System                                          | Understand Electrical System - controls                                | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Electrical System                                          | Understand Electrical System - controls                                | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Electrical System                                          | Understand Electrical System - indicators                              | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Electrical System                                          | Understand Electrical System - indicators                              | Can explain system or component limitations                                                                                                       |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                             |                                                                                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Electrical System                                          | Understand Electrical System - indicators                                                   | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Electrical System                                          | Understand Electrical System - indicators                                                   | Can explain immediate action items or memory items, if appropriate                                                                                |
| Electrical System                                          | Understand Electrical System - indicators                                                   | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Electrical System                                          | Understand Electrical System - indicators                                                   | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Electrical System                                          | Understand Electrical System - external and auxiliary power sources. (ground power and APU) | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Electrical System                                          | Understand Electrical System - external and auxiliary power sources. (ground power and APU) | Can explain system or component limitations                                                                                                       |
| Electrical System                                          | Understand Electrical System - external and auxiliary power sources. (ground power and APU) | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Electrical System                                          | Understand Electrical System - external and auxiliary power sources. (ground power and APU) | Can explain immediate action items or memory items, if appropriate                                                                                |
| Electrical System                                          | Understand Electrical System - external and auxiliary power sources. (ground power and APU) | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                             |                                                                                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Electrical System                                          | Understand Electrical System - external and auxiliary power sources. (ground power and APU) | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Electrical System                                          | Understand Electrical System -batteries                                                     |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System -batteries                                                     |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System -batteries                                                     |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System -batteries                                                     |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System - alternators                                                  |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System - alternators                                                  |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System - alternators                                                  |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System - alternators                                                  |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System - generators                                                   |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System - generators                                                   |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System - generators                                                   |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System - generators                                                   |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System - circuit breakers and protection devices                      |                                                                                                                                                   |
| Electrical System                                          | Understand Electrical System - circuit breakers and protection devices                      |                                                                                                                                                   |



| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                             |                                           |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                                                                       | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Electrical System                                   | Understand Electrical System - circuit breakers and protection devices                      |                                           |
| Electrical System                                   | Understand Electrical System - circuit breakers and protection devices                      |                                           |
| Electrical System                                   | Understand Electrical System - controls                                                     |                                           |
| Electrical System                                   | Understand Electrical System - controls                                                     |                                           |
| Electrical System                                   | Understand Electrical System - controls                                                     |                                           |
| Electrical System                                   | Understand Electrical System - controls                                                     |                                           |
| Electrical System                                   | Understand Electrical System - indicators                                                   |                                           |
| Electrical System                                   | Understand Electrical System - indicators                                                   |                                           |
| Electrical System                                   | Understand Electrical System - indicators                                                   |                                           |
| Electrical System                                   | Understand Electrical System - indicators                                                   |                                           |
| Electrical System                                   | Understand Electrical System - external and auxiliary power sources. (ground power and APU) |                                           |
| Electrical System                                   | Understand Electrical System - external and auxiliary power sources. (ground power and APU) |                                           |
| Electrical System                                   | Understand Electrical System - external and auxiliary power sources. (ground power and APU) |                                           |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                   |                                                                                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Electrical System                                          | Understand Electrical System - external and auxiliary power sources. (ground power and APU)       |                                                                                                                                                   |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - powerplant                       | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - powerplant                       | Can explain system or component limitations                                                                                                       |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - powerplant                       | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - powerplant                       | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - powerplant                       | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - powerplant                       | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - cargo and passenger compartments | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - cargo and passenger compartments | Can explain system or component limitations                                                                                                       |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                   |                                                                                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - cargo and passenger compartments | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - cargo and passenger compartments | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - cargo and passenger compartments | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - cargo and passenger compartments | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - lavatory                         | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - lavatory                         | Can explain system or component limitations                                                                                                       |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - lavatory                         | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - lavatory                         | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - lavatory                         | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                                                                   |                                                                                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - lavatory                                                                         | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - electrical/avionics, and batteries (on-aircraft and personal electronic devices) | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - electrical/avionics, and batteries (on-aircraft and personal electronic devices) | Can explain system or component limitations                                                                                                       |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - electrical/avionics, and batteries (on-aircraft and personal electronic devices) | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - electrical/avionics, and batteries (on-aircraft and personal electronic devices) | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - electrical/avionics, and batteries (on-aircraft and personal electronic devices) | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fire and Smoke Detection, Protection and Suppression       | Understand Fire & smoke detection, protection, and suppression - electrical/avionics, and batteries (on-aircraft and personal electronic devices) | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES  |                                                                                                   |                                           |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------|
| COURSE 1                                             | TASKS                                                                                             | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - powerplant                       |                                           |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - powerplant                       |                                           |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - powerplant                       |                                           |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - powerplant                       |                                           |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - cargo and passenger compartments |                                           |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - cargo and passenger compartments |                                           |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - cargo and passenger compartments |                                           |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - cargo and passenger compartments |                                           |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - lavatory                         |                                           |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - lavatory                         |                                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES  |                                                                                                                                                   |                                                                                                                                                                                                                                                                                                |
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| COURSE 1                                             | TASKS                                                                                                                                             | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                      |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - lavatory                                                                         |                                                                                                                                                                                                                                                                                                |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - lavatory                                                                         |                                                                                                                                                                                                                                                                                                |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - electrical/avionics, and batteries (on-aircraft and personal electronic devices) |                                                                                                                                                                                                                                                                                                |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - electrical/avionics, and batteries (on-aircraft and personal electronic devices) |                                                                                                                                                                                                                                                                                                |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - electrical/avionics, and batteries (on-aircraft and personal electronic devices) |                                                                                                                                                                                                                                                                                                |
| Fire and Smoke Detection, Protection and Suppression | Understand Fire & smoke detection, protection, and suppression - electrical/avionics, and batteries (on-aircraft and personal electronic devices) |                                                                                                                                                                                                                                                                                                |
| Flight Controls                                      | Understand flight operations in icing conditions                                                                                                  | Can explain that "severe icing" is when the rate of ice accumulation is such that ice protection systems fail to remove the accumulation of ice and accumulation occurs in areas not normally prone to icing, such as aft of protected surfaces and other areas identified by the manufacturer |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                       |                                                                                                                                                   |
|------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                          | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Flight Controls                                            | Understand Flight Controls - Ailerons | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Flight Controls                                            | Understand Flight Controls - Ailerons | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Flight Controls                                            | Understand Flight Controls - Ailerons | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                            | Understand Flight Controls - Ailerons | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                            | Understand Flight Controls - elevator | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Flight Controls                                            | Understand Flight Controls - elevator | Can explain system or component limitations                                                                                                       |
| Flight Controls                                            | Understand Flight Controls - elevator | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Flight Controls                                            | Understand Flight Controls - elevator | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                            | Understand Flight Controls - elevator | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                           |                                                                                                                                                   |
|------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                              | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Flight Controls                                            | Understand Flight Controls - rudder       | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Flight Controls                                            | Understand Flight Controls - rudder       | Can explain system or component limitations                                                                                                       |
| Flight Controls                                            | Understand Flight Controls - rudder       | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Flight Controls                                            | Understand Flight Controls - rudder       | Can explain immediate action items or memory items, if appropriate                                                                                |
| Flight Controls                                            | Understand Flight Controls - rudder       | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                            | Understand Flight Controls - rudder       | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                            | Understand Flight Controls - control tabs | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Flight Controls                                            | Understand Flight Controls - control tabs | Can explain system or component limitations                                                                                                       |
| Flight Controls                                            | Understand Flight Controls - control tabs | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                            | Understand Flight Controls - control tabs | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |



| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                           |                                                                                                                                                   |
|------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                              | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Flight Controls                                            | Understand Flight Controls - flaps        | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Flight Controls                                            | Understand Flight Controls - flaps        | Can explain system or component limitations                                                                                                       |
| Flight Controls                                            | Understand Flight Controls - flaps        | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Flight Controls                                            | Understand Flight Controls - flaps        | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                            | Understand Flight Controls - flaps        | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                            | Understand Flight Controls - speed brakes | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Flight Controls                                            | Understand Flight Controls - speed brakes | Can explain system or component limitations                                                                                                       |
| Flight Controls                                            | Understand Flight Controls - speed brakes | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Flight Controls                                            | Understand Flight Controls - speed brakes | Can explain immediate action items or memory items, if appropriate                                                                                |
| Flight Controls                                            | Understand Flight Controls - speed brakes | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                               |                                                                                                                                                   |
|------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                  | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Flight Controls                                            | Understand Flight Controls - speed brakes                                     | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                            | Understand Flight Controls - stability augmentation system (e.g., yaw damper) | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Flight Controls                                            | Understand Flight Controls - stability augmentation system (e.g., yaw damper) | Can explain system or component limitations                                                                                                       |
| Flight Controls                                            | Understand Flight Controls - stability augmentation system (e.g., yaw damper) | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Flight Controls                                            | Understand Flight Controls - stability augmentation system (e.g., yaw damper) | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                            | Understand Flight Controls - stability augmentation system (e.g., yaw damper) | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                            | Understand Flight Controls - trim systems                                     | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Flight Controls                                            | Understand Flight Controls - trim systems                                     | Can explain system or component limitations                                                                                                       |
| Flight Controls                                            | Understand Flight Controls - trim systems                                     | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                           |                                                                                                                                                   |
|-----------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Flight Controls                                     | Understand Flight Controls - trim systems | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                     | Understand Flight Controls - trim systems | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                     | Understand Flight Controls - Ailerons     |                                                                                                                                                   |
| Flight Controls                                     | Understand Flight Controls - Ailerons     |                                                                                                                                                   |
| Flight Controls                                     | Understand Flight Controls - Ailerons     |                                                                                                                                                   |
| Flight Controls                                     | Understand Flight Controls - Ailerons     |                                                                                                                                                   |
| Flight Controls                                     | Understand Flight Controls - elevator     |                                                                                                                                                   |
| Flight Controls                                     | Understand Flight Controls - elevator     |                                                                                                                                                   |
| Flight Controls                                     | Understand Flight Controls - elevator     |                                                                                                                                                   |
| Flight Controls                                     | Understand Flight Controls - elevator     |                                                                                                                                                   |
| Flight Controls                                     | Understand Flight Controls - rudder       |                                                                                                                                                   |
| Flight Controls                                     | Understand Flight Controls - rudder       |                                                                                                                                                   |
| Flight Controls                                     | Understand Flight Controls - rudder       |                                                                                                                                                   |
| Flight Controls                                     | Understand Flight Controls - rudder       |                                                                                                                                                   |
| Flight Controls                                     | Understand Flight Controls - control tabs |                                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                 |                                                 |
|-----------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------|
| COURSE 1                                            | TASKS                                                           | KNOWLEDGE &<br>COGNITIVE LEARNING<br>OBJECTIVES |
| Flight Controls                                     | Understand Flight Controls - control tabs                       |                                                 |
| Flight Controls                                     | Understand Flight Controls - control tabs                       |                                                 |
| Flight Controls                                     | Understand Flight Controls - control tabs                       |                                                 |
| Flight Controls                                     | Understand Flight Controls - control boost/augmentation systems |                                                 |
| Flight Controls                                     | Understand Flight Controls - control boost/augmentation systems |                                                 |
| Flight Controls                                     | Understand Flight Controls - control boost/augmentation systems |                                                 |
| Flight Controls                                     | Understand Flight Controls - control boost/augmentation systems |                                                 |
| Flight Controls                                     | Understand Flight Controls - flaps                              |                                                 |
| Flight Controls                                     | Understand Flight Controls - flaps                              |                                                 |
| Flight Controls                                     | Understand Flight Controls - flaps                              |                                                 |
| Flight Controls                                     | Understand Flight Controls - flaps                              |                                                 |
| Flight Controls                                     | Understand Flight Controls - spoilers                           |                                                 |
| Flight Controls                                     | Understand Flight Controls - spoilers                           |                                                 |
| Flight Controls                                     | Understand Flight Controls - spoilers                           |                                                 |
| Flight Controls                                     | Understand Flight Controls - spoilers                           |                                                 |
| Flight Controls                                     | Understand Flight Controls - leading edge devices               |                                                 |
| Flight Controls                                     | Understand Flight Controls - leading edge devices               |                                                 |
| Flight Controls                                     | Understand Flight Controls - leading edge devices               |                                                 |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                               |                                                                                          |
|------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                  | <b>KNOWLEDGE &amp;<br/>COGNITIVE LEARNING<br/>OBJECTIVES</b>                             |
| Flight Controls                                            | Understand Flight Controls - leading edge devices                             |                                                                                          |
| Flight Controls                                            | Understand Flight Controls - speed brakes                                     |                                                                                          |
| Flight Controls                                            | Understand Flight Controls - speed brakes                                     |                                                                                          |
| Flight Controls                                            | Understand Flight Controls - speed brakes                                     |                                                                                          |
| Flight Controls                                            | Understand Flight Controls - speed brakes                                     |                                                                                          |
| Flight Controls                                            | Understand Flight Controls - stability augmentation system (e.g., yaw damper) |                                                                                          |
| Flight Controls                                            | Understand Flight Controls - stability augmentation system (e.g., yaw damper) |                                                                                          |
| Flight Controls                                            | Understand Flight Controls - stability augmentation system (e.g., yaw damper) |                                                                                          |
| Flight Controls                                            | Understand Flight Controls - stability augmentation system (e.g., yaw damper) |                                                                                          |
| Flight Controls                                            | Understand Flight Controls - trim systems                                     |                                                                                          |
| Flight Controls                                            | Understand Flight Controls - trim systems                                     |                                                                                          |
| Flight Controls                                            | Understand Flight Controls - trim systems                                     |                                                                                          |
| Flight Controls                                            | Understand Flight Controls - trim systems                                     |                                                                                          |
| Flight Planning and Performance                            | Understand determining climb performance per AFM                              | Can explain why OEI data may not ensure climb gradient compliance nor obstacle clearance |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                    |                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                          |
| Flight Planning and Performance                     | Understand ground operations in icing conditions                                   | Can explain the general adverse effects of ice, snow and frost on aircraft performance and flight characteristics: decreased thrust, decreased lift, increased stall speed, trim changes, and altered stall characteristics and handling qualities |
| Flight Planning and Performance                     | Understand determining climb performance per AFM                                   | Can explain considerations for OEI departure development                                                                                                                                                                                           |
| Flight Planning and Performance                     | Understand determining climb performance per AFM                                   | Can state the definition of takeoff segment                                                                                                                                                                                                        |
| Flight Planning and Performance                     | Understand determining climb performance per AFM                                   | Can state the definitions of gross and net flightpath                                                                                                                                                                                              |
| Flight Planning and Performance                     | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that there are two types of DPs: Standard Instrument Departures (SIDs) and Obstacle Departure Procedures (ODPs)                                                                                                                        |
| Flight Planning and Performance                     | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that SIDs are primarily designed for air traffic system enhancement to expedite traffic flow and to reduce pilot/controller workload.                                                                                                  |
| Flight Planning and Performance                     | Understand Avionics and communications - Global Navigation Satellite System (GNSS) | Can explain that ODPs are recommended for obstruction clearance and may be flown without ATC clearance unless an alternate DP (SID or radar vector) has been specifically assigned by ATC.                                                         |
| Flight Planning and Performance                     | Understand determining landing performance per AFM                                 | Can explain the risks associated with tailwind landings and landings on contaminated runways                                                                                                                                                       |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                       | Can explain how an unstabilized approach can contribute to a runway overrun                                                                                                                                                                        |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                              |                                                                                                                                                     |
|------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                 | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can explain how high airport elevation can contribute to a runway overrun                                                                           |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can explain how excess airspeed can contribute to a runway overrun                                                                                  |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can explain how airplane landing weight can contribute to an aircraft overrun                                                                       |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can explain how landing beyond the intended touchdown point can contribute to a runway overrun                                                      |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can explain how downhill runway slope can contribute to a runway overrun                                                                            |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can explain how landing with a tailwind can contribute to a runway overrun                                                                          |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can explain predeparture planning versus runway condition at time of arrival                                                                        |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can explain that factors affecting landing distance are cumulative, and why multiple small errors during landing can contribute to a runway overrun |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can define declared runway distance                                                                                                                 |
| Flight Planning and Performance                            | Understand determining landing performance per AFM           | Can explain the origin and use of runway Declared Distances                                                                                         |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can define landing distance available                                                                                                               |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can define actual landing distance                                                                                                                  |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can interpret and make proper runway condition reports                                                                                              |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                |                                                                                                          |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                                          | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                |
| Flight Planning and Performance                     | Understand Runway assessment and condition reporting and use of the Runway Condition Assessment Matrix (RCAM). | Can explain and demonstrate the use of charts, tables, and data to determine performance                 |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can define "adjusted landing distance"                                                                   |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can define "unfactored (certified) landing distance"                                                     |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can define "factored landing distance"                                                                   |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can describe the effect of downhill runway slope on required landing distance                            |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can describe the impact of excess airspeed on landing distance                                           |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can explain the purpose and variables involved in a landing performance assessment at time of arrival    |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can explain the effect of wind on landing performance                                                    |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can identify critical condition combinations that increase risk of a runway overrun                      |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can explain the difference between AFM dry, certified/approved data and advisory/supplemental data       |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can calculate the required effective landing distance for dispatch under part 91 and part 135 operations |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can reference applicable regulations for preflight planning                                              |
| Flight Planning and Performance                     | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can explain the Can U StoP process                                                                       |



| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                                |                                                                                                                                                                                   |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                                   | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                              |
| Flight Planning and Performance                            | Understand Mitigating Risks of a Runway Overrun Upon Landing                                                   | Can explain the difference between the generic samples in table 3-2 where cumulative errors are made, and table 3-3 where errors are not made                                     |
| Flight Planning and Performance                            | Understand Runway assessment and condition reporting and use of the Runway Condition Assessment Matrix (RCAM). |                                                                                                                                                                                   |
| Flight Planning and Performance                            | Understand determining accelerate-stop / accelerate-go distance per AFM                                        | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |
| Flight Planning and Performance                            | Understand determining accelerate-stop / accelerate-go distance per AFM                                        | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                            | Understand determining accelerate-stop / accelerate-go distance per AFM                                        | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                            | Understand determining takeoff performance (e.g., balance field length, VMCG) per AFM                          | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |
| Flight Planning and Performance                            | Understand determining takeoff performance (e.g., balance field length, VMCG) per AFM                          | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                            | Understand determining takeoff performance (e.g., balance field length, VMCG) per AFM                          | Can explain the airspeeds used during specific phases of flight                                                                                                                   |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                   |                                                                                                                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                              |
| Flight Planning and Performance                            | Understand determining takeoff performance (e.g., balance field length, VMCG) per AFM             | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                            | Understand determining climb performance per AFM                                                  | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |
| Flight Planning and Performance                            | Understand determining climb performance per AFM                                                  | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                            | Understand determining climb performance per AFM                                                  | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                            | Understand determining cruise performance (e.g., optimum and maximum operating altitudes) per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |
| Flight Planning and Performance                            | Understand determining cruise performance (e.g., optimum and maximum operating altitudes) per AFM | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                            | Understand determining cruise performance (e.g., optimum and maximum operating altitudes) per AFM | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                    |                                                                                                                                                                                   |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                       | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                              |
| Flight Planning and Performance                            | Understand determining descent performance per AFM                                                 | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |
| Flight Planning and Performance                            | Understand determining descent performance per AFM                                                 | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                            | Understand determining descent performance per AFM                                                 | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                            | Understand determining landing performance per AFM                                                 | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |
| Flight Planning and Performance                            | Understand determining landing performance per AFM                                                 | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                            | Understand determining landing performance per AFM                                                 | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                            | Understand determining performance with an inoperative powerplant for all phases of flight per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                |                                                                                                                                                                                   |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                                          | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                         |
| Flight Planning and Performance                     | Understand determining performance with an inoperative powerplant for all phases of flight per AFM             | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                     | Understand determining performance with an inoperative powerplant for all phases of flight per AFM             | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                     | Understand determining fuel requirements per AFM                                                               | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |
| Flight Planning and Performance                     | Understand determining fuel requirements per AFM                                                               | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                     | Understand determining fuel requirements per AFM                                                               | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                     | Understand Runway assessment and condition reporting and use of the Runway Condition Assessment Matrix (RCAM). | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM                                        |                                                                                                                                                                                   |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM                                        |                                                                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                   |                                           |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                                                                             | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM                           |                                           |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM                           |                                           |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM                           |                                           |
| Flight Planning and Performance                     | Understand determining takeoff performance (e.g., balance field length, VMCG) per AFM             |                                           |
| Flight Planning and Performance                     | Understand determining takeoff performance (e.g., balance field length, VMCG) per AFM             |                                           |
| Flight Planning and Performance                     | Understand determining takeoff performance (e.g., balance field length, VMCG) per AFM             |                                           |
| Flight Planning and Performance                     | Understand determining takeoff performance (e.g., balance field length, VMCG) per AFM             |                                           |
| Flight Planning and Performance                     | Understand determining takeoff performance (e.g., balance field length, VMCG) per AFM             |                                           |
| Flight Planning and Performance                     | Understand determining climb performance per AFM                                                  |                                           |
| Flight Planning and Performance                     | Understand determining climb performance per AFM                                                  |                                           |
| Flight Planning and Performance                     | Understand determining climb performance per AFM                                                  |                                           |
| Flight Planning and Performance                     | Understand determining climb performance per AFM                                                  |                                           |
| Flight Planning and Performance                     | Understand determining cruise performance (e.g., optimum and maximum operating altitudes) per AFM |                                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                   |                                           |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                                                                             | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Flight Planning and Performance                     | Understand determining cruise performance (e.g., optimum and maximum operating altitudes) per AFM |                                           |
| Flight Planning and Performance                     | Understand determining cruise performance (e.g., optimum and maximum operating altitudes) per AFM |                                           |
| Flight Planning and Performance                     | Understand determining cruise performance (e.g., optimum and maximum operating altitudes) per AFM |                                           |
| Flight Planning and Performance                     | Understand determining cruise performance (e.g., optimum and maximum operating altitudes) per AFM |                                           |
| Flight Planning and Performance                     | Understand determining descent performance per AFM                                                |                                           |
| Flight Planning and Performance                     | Understand determining descent performance per AFM                                                |                                           |
| Flight Planning and Performance                     | Understand determining descent performance per AFM                                                |                                           |
| Flight Planning and Performance                     | Understand determining descent performance per AFM                                                |                                           |
| Flight Planning and Performance                     | Understand determining descent performance per AFM                                                |                                           |
| Flight Planning and Performance                     | Understand determining landing performance per AFM                                                |                                           |
| Flight Planning and Performance                     | Understand determining landing performance per AFM                                                |                                           |
| Flight Planning and Performance                     | Understand determining landing performance per AFM                                                |                                           |
| Flight Planning and Performance                     | Understand determining landing performance per AFM                                                |                                           |
| Flight Planning and Performance                     | Understand determining landing performance per AFM                                                |                                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                                |                                           |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                                                                                          | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Flight Planning and Performance                     | Understand determining performance with an inoperative powerplant for all phases of flight per AFM             |                                           |
| Flight Planning and Performance                     | Understand determining performance with an inoperative powerplant for all phases of flight per AFM             |                                           |
| Flight Planning and Performance                     | Understand determining performance with an inoperative powerplant for all phases of flight per AFM             |                                           |
| Flight Planning and Performance                     | Understand determining performance with an inoperative powerplant for all phases of flight per AFM             |                                           |
| Flight Planning and Performance                     | Understand determining performance with an inoperative powerplant for all phases of flight per AFM             |                                           |
| Flight Planning and Performance                     | Understand determining fuel requirements per AFM                                                               |                                           |
| Flight Planning and Performance                     | Understand determining fuel requirements per AFM                                                               |                                           |
| Flight Planning and Performance                     | Understand determining weight and balance per AFM                                                              |                                           |
| Flight Planning and Performance                     | Understand determining weight and balance per AFM                                                              |                                           |
| Flight Planning and Performance                     | Understand Runway assessment and condition reporting and use of the Runway Condition Assessment Matrix (RCAM). |                                           |
| Flight Planning and Performance                     | Conduct Rejected Takeoff                                                                                       |                                           |
| Flight Planning and Performance                     | Conduct Rejected Takeoff                                                                                       |                                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                         |                                                                                                      |
|-----------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                   | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                            |
| Flight Planning and Performance                     | Conduct Rejected Takeoff                                                |                                                                                                      |
| Flight Planning and Performance                     | Conduct Rejected Takeoff                                                |                                                                                                      |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can define Takeoff Distance                                                                          |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can define Takeoff Run                                                                               |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM |                                                                                                      |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can define Accelerate-Stop Distance                                                                  |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can define Decision Speed                                                                            |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can define V <sub>1</sub> as Action Speed                                                            |
| Flight Planning and Performance                     | Understand determining climb performance per AFM                        | Can explain why using OEI data to comply with TERPS procedures is an unnecessary burden on operators |
| Flight Planning and Performance                     | Understand determining climb performance per AFM                        | Can locate FAA TALPA videos online                                                                   |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can state the different causes of RTOs                                                               |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can explain the difference between Takeoff Distance and Takeoff Run                                  |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can define V <sub>1</sub> and determine when V <sub>1</sub> is critical                              |



| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                         |                                                                                   |
|-----------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                   | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can explain the Balanced Field Concept                                            |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can explain why $V_1$ can be no less than $V_{MCG}$ nor can be no more than $V_R$ |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can explain when takeoff field length and $V_1$ are critical and the consequences |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can explain the impact of wet runways on landing distances                        |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can explain the importance of a timely $V_1$ call.                                |
| Flight Planning and Performance                     | Understand determining accelerate-stop / accelerate-go distance per AFM | Can conduct a complete takeoff briefing and explain its importance                |
| Flight Planning and Performance                     | Understand determining climb performance per AFM                        | Can describe the segments of an instrument departure procedure                    |
| Flight Planning and Performance                     | Understand determining climb performance per AFM                        | Can explain basic purpose and applicability of OEI departure procedures           |
| Flight Planning and Performance                     | Understand determining climb performance per AFM                        | Can describe the drawbacks of using OEI data to comply with TERPS procedures      |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can demonstrate familiarization with aircraft performance or weight limit information to ensure safe obstacle clearance for “all engine” or “engine inoperative” missed approaches or rejected landings. Performance information should consider, as appropriate, flap settings, go-around procedures, acceleration segments or transition following an engine failure between the specified “all-engine lateral flightpath” (or radar vectors) and any specified “engine-inoperative lateral flightpath,” using flap retraction, and cleanup height procedures. Refer to AC 120-91 for further information. |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach                    | Can explain that unstabilized approaches are a key contributor to CFIT events, and explain that present NPAs are designed with and without stepdown fixes in the final approach                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach                    | Can explain why stepdowns flown without a constant descent will require multiple thrust, pitch, and altitude adjustments inside the final approach fix (FAF), and can explain that these adjustments increase pilot workload and potential errors during a critical phase of flight.                                                                                                                                                                                                                                                                                                                         |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                               |                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                               |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach | Can explain that the practice commonly referred to as “dive and drive,” can result in extended level flight as low as 250 feet above the ground in instrument meteorological conditions (IMC) and shallow or steep final approaches.                                    |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach | Can explain that a stabilized approach is a key feature to a safe approach and landing.<br>Can explain that operators are encouraged by the FAA and the International Civil Aviation Organization (ICAO) to use the stabilized approach concept to help eliminate CFIT. |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach | Can explain that the stabilized approach concept is characterized by maintaining a stable approach speed, descent rate, vertical flightpath, and configuration to the landing touchdown point                                                                           |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach | Can explain that precision IAPs and approach procedures with vertical guidance (APV) have a continuous descent approach profile in their design.                                                                                                                        |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach | Can explain that NPAs were not originally designed with this vertical path, but may easily be flown using the CDFA (continuous descent final approach) technique.                                                                                                       |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach | Can explain why Flying NPAs with a continuous descent profile will provide a safety advantage over flying approaches using the “dive and drive” technique.                                                                                                              |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach | Can explain that CDFA is a technique for flying the final approach segment of an NPA as a continuous descent. The technique is consistent with stabilized approach procedures and has no level-off.                                                                                                                                                                                                                                                                                                                                                         |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach | Can explain the six advantages of CDFA: Increased safety by employing the concepts of stabilized approach criteria and procedure standardization; Improved pilot situational awareness (SA) and reduced pilot workload; Improved fuel efficiency by minimizing the low-altitude level flight time; Reduced noise level by minimizing the level flight time at high thrust settings; Procedural similarities to APV and precision approach operations; Reduced probability of infringement on required obstacle clearance during the final approach segment. |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach | Can explain that CDFA requires no specific aircraft equipment other than that specified by the title of the NPA procedure and that Pilots can safely fly suitable NPAs with CDFA using basic piloting techniques, aircraft flight management systems (FMS) and RNAV systems, or by manually computing rate of descent.                                                                                                                                                                                                                                      |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach | Can calculate a rate of descent for VDA (see example in this paragraph)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                         |
| Flight Profiles and Maneuvers                       | Conduct Missed Approach       | Can explain that when executing a missed approach prior to the MAP and not cleared by an air traffic control (ATC) climb-out instruction, pilots should fly the published missed approach procedure by proceeding on published track to the MAP before accomplishing a turn, complying with published altitude restrictions between the FAF and the MAP, and continuing on or climbing to the altitude specified in the missed approach procedure |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach | Can explain that some approach characteristics (e.g., circling-only minima) and environmental factors (e.g., icing) could make the use of CDFA inadvisable.                                                                                                                                                                                                                                                                                       |
| Flight Profiles and Maneuvers                       | Conduct Taxi                  | Can explain the definition of a runway incursion: Any occurrence at an aerodrome involving the incorrect presence of an aircraft, vehicle, or person on the protected area of a surface designated for the landing and takeoff of aircraft.                                                                                                                                                                                                       |
| Flight Profiles and Maneuvers                       | Conduct Taxi                  | Can explain why thorough planning for taxi operations is essential for a safe operation                                                                                                                                                                                                                                                                                                                                                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |              |                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                           |
| Flight Profiles and Maneuvers                       | Conduct Taxi | Can conduct briefing of the expected taxi route to include any hold short lines and runways to cross, hot spots, and any other potential conflicts. (Once taxi instructions are received, the pretaxi route should be reviewed and monitored. It is essential that any changes to the taxi route be understood by all crewmembers)  |
| Flight Profiles and Maneuvers                       | Conduct Taxi | Can identify critical locations on the taxi route, where verbal coordination between the PIC and the SIC is important to avoid a runway incursion. (e.g., hot spots/complex intersections, crossing intervening runways, entering and lining up on the runway for takeoff, and approaching and lining up on the runway for landing) |
| Flight Profiles and Maneuvers                       | Conduct Taxi | Can conduct briefing of requirements and special considerations during low visibility operations such as: the low visibility taxi chart, if published for the airport                                                                                                                                                               |
| Flight Profiles and Maneuvers                       | Conduct Taxi | Can maintain knowledge of the aircraft's precise position throughout the taxi operation and mentally calculate the next location on the route that will require increased attention (e.g., a turn onto another taxiway, an intersecting runway, or hot spots)                                                                       |
| Flight Profiles and Maneuvers                       | Conduct Taxi | Can interpret and use all visual aids, and signage and lighting on the airport surface                                                                                                                                                                                                                                              |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                              |                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                             |
| Flight Profiles and Maneuvers                       | Conduct Taxi                                                 | Can write down complex taxi instructions or copy taxi instructions into the scratch pad of the CDU                                                                                                                                                    |
| Flight Profiles and Maneuvers                       | Conduct Taxi                                                 | Can explain that before entering a runway for takeoff, the flightcrew should verbally coordinate to ensure correct flap setting, identification of the runway, compass heading, FMC entry, and receipt of the proper ATC clearance to use that runway |
| Flight Profiles and Maneuvers                       | Understand determining landing performance per AFM           | Can identify and manage risks associated with runway overruns during the landing                                                                                                                                                                      |
| Flight Profiles and Maneuvers                       | Understand determining landing performance per AFM           | Can explain the parameters and importance of a stabilized approach                                                                                                                                                                                    |
| Flight Profiles and Maneuvers                       | Understand determining landing performance per AFM           | Can explain the importance of accurate and timely assessments of landing distance                                                                                                                                                                     |
| Flight Profiles and Maneuvers                       | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can explain how excessive height over the runway threshold can contribute to a runway overrun                                                                                                                                                         |
| Flight Profiles and Maneuvers                       | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can explain how delayed use of deceleration/maximum braking can contribute to a runway overrun                                                                                                                                                        |
| Flight Profiles and Maneuvers                       | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can describe the point at which landing configuration should be established in a stabilized approach                                                                                                                                                  |
| Flight Profiles and Maneuvers                       | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can describe a stabilized approach profile for both VMC and IMC conditions                                                                                                                                                                            |
| Flight Profiles and Maneuvers                       | Understand Mitigating Risks of a Runway Overrun Upon Landing | Can describe the characteristics of a stabilized descent rate                                                                                                                                                                                         |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                    |                                                                                                                                                                                                                 |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                       |
| Flight Profiles and Maneuvers                       | Understand Mitigating Risks of a Runway Overrun Upon Landing                                       | Can describe the characteristics of indicated airspeed during a stabilized approach                                                                                                                             |
| Flight Profiles and Maneuvers                       | Understand Mitigating Risks of a Runway Overrun Upon Landing                                       | Can explain that ATP criteria for touchdown point is the aiming point markings - 250/+500 feet, or where there are no runway aiming point markings 750 to 1,500 feet from the approach threshold of the runway. |
| Flight Profiles and Maneuvers                       | Understand Mitigating Risks of a Runway Overrun Upon Landing                                       | Can explain proper landing and braking technique                                                                                                                                                                |
| Flight Profiles and Maneuvers                       | Understand Mitigating Risks of a Runway Overrun Upon Landing                                       | Can discuss the chain of events that lead to an overrun in this example, and relate it to their own experiences                                                                                                 |
| Flight Profiles and Maneuvers                       | Understand determining accelerate-stop / accelerate-go distance per AFM                            | Can explain the airspeeds used during specific phases of flight                                                                                                                                                 |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM                                                   | Can explain the airspeeds used during specific phases of flight                                                                                                                                                 |
| Flight Profiles and Maneuvers                       | Understand determining cruise performance (e.g., optimum and maximum operating altitudes) per AFM  | Can explain the airspeeds used during specific phases of flight                                                                                                                                                 |
| Flight Profiles and Maneuvers                       | Understand determining descent performance per AFM                                                 | Can explain the airspeeds used during specific phases of flight                                                                                                                                                 |
| Flight Profiles and Maneuvers                       | Understand determining landing performance per AFM                                                 | Can explain the airspeeds used during specific phases of flight                                                                                                                                                 |
| Flight Profiles and Maneuvers                       | Understand determining performance with an inoperative powerplant for all phases of flight per AFM | Can explain the airspeeds used during specific phases of flight                                                                                                                                                 |
| Flight Profiles and Maneuvers                       | Conduct Taxi                                                                                       | Can explain the information available on an airport diagram, chart supplement and NOTAMS                                                                                                                        |



| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                            |                                                                                                                                                                 |
|-----------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                       |
| Flight Profiles and Maneuvers                       | Conduct Taxi                               | Can interpret taxi instructions including published taxi routes                                                                                                 |
| Flight Profiles and Maneuvers                       | Conduct Taxi                               | Can identify airport and runway markings, signs, and lights                                                                                                     |
| Flight Profiles and Maneuvers                       | Conduct Taxi                               | Can describe appropriate aircraft lighting for day and night operations                                                                                         |
| Flight Profiles and Maneuvers                       | Conduct Taxi                               | Can describe appropriate flight deck activities prior to taxi, including route planning, identifying the location of Hot Spots, and coordinating with crew      |
| Flight Profiles and Maneuvers                       | Conduct Taxi                               | Can describe proper procedures for entering or crossing runways                                                                                                 |
| Flight Profiles and Maneuvers                       | Conduct Taxi                               | Can explain procedures for taxi on one engine                                                                                                                   |
| Flight Profiles and Maneuvers                       | Conduct Taxi                               | Can explain the hazards of low visibility taxi operations                                                                                                       |
| Flight Profiles and Maneuvers                       | Conduct Rejected Takeoff                   | Can describe conditions and situations that could warrant a rejected takeoff (e.g., takeoff warning systems, powerplant failure, other systems warning/failure) |
| Flight Profiles and Maneuvers                       | Conduct Rejected Takeoff                   | Can describe safety considerations following a rejected takeoff                                                                                                 |
| Flight Profiles and Maneuvers                       | Conduct Rejected Takeoff                   | Can explain the procedure for accomplishing a rejected takeoff                                                                                                  |
| Flight Profiles and Maneuvers                       | Conduct Rejected Takeoff                   | Can explain accelerate/stop distance                                                                                                                            |
| Flight Profiles and Maneuvers                       | Conduct Rejected Takeoff                   | Can define relevant V-speeds for a rejected takeoff                                                                                                             |
| Flight Profiles and Maneuvers                       | Understand Specific Flight Characteristics | Can explain all specific flight and performance characteristics associated with the aircraft                                                                    |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                         |                                                                                                                                                                                                    |
|-----------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                   | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                          |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach                                           | Can explain procedures and limitations associated with a nonprecision approach, including the differences between Localizer Performance (LP) and Lateral Navigation (LNAV) approach guidance       |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach                                           | Can explain navigation system displays and annunciations, modes of operation, and RNP lateral accuracy values associated with an RNAV (GPS) approach.                                              |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach                                           | Can explain ground-based and satellite-based navigation (orientation, course determination, equipment, tests and regulations, interference, appropriate use of navigation data, signal integrity). |
| Flight Profiles and Maneuvers                       | Conduct Nonprecision Approach                                           | Can explain criteria for a stabilized approach, to include energy management concepts.                                                                                                             |
| Flight Profiles and Maneuvers                       | Conduct Emergency Procedure - Emergency Descent                         | Can explain situations that would require an emergency descent (e.g., depressurization, smoke, or engine fire).                                                                                    |
| Flight Profiles and Maneuvers                       | Conduct Emergency Procedure - Emergency Descent                         | Can explain declaring an emergency and selection of a suitable airport or landing location                                                                                                         |
| Flight Profiles and Maneuvers                       | Understand determining accelerate-stop / accelerate-go distance per AFM | Can explain the importance of timely and correct decisions related to rejected takeoffs (RTO)                                                                                                      |
| Flight Profiles and Maneuvers                       | Understand determining accelerate-stop / accelerate-go distance per AFM | Can explain the importance of timely decisions in relation $V_1$                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                           |
| Flight Profiles and Maneuvers                       | Understand Mitigating Risks of an Incorrect Airport Surface Approach and Landing | Can explain how use of published approach guidance in visual conditions can reduce errors                                                                                                                                                                                                                                                                                                           |
| Flight Profiles and Maneuvers                       | Conduct Taxi                                                                     | Can identify The runway and taxiway characteristics concerning width, safety areas, obstacle free zones, markings, hold lines, signs, holding spots, runway slope, suitability of threshold crossing height (TCH), critical area protection, taxiway position markings, runway distance remaining markings, runway distance remaining signs, and LVO/SMGCS should be addressed.                     |
| Flight Profiles and Maneuvers                       | Understand Specific Flight Characteristics                                       | Can identify expected minimum visual references that occur on approach when the weather is at acceptable minimum conditions as well as the expected sequence of visual cues during an approach in which the visibility is at or above the specified landing minima. Training on this topic should include identifying required visual references over a range of actual or simulated low-visibility |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                    | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: Recognition of impending stall indications and understanding of the need to initiate the stall recovery procedure at an impending stall.                                                                                                                                           |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: Recognition of full stall indication (see paragraph 1-7) with the realization that most swept-wing transport category aircraft exhibit full stall characteristics different from those typically experienced in General Aviation (GA) aircraft used during certification training. |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: For airplanes equipped with a stick pusher, recommended recovery actions in response to stick pusher activation.                                                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                    | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                               |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: Avoiding cyclical or oscillatory control inputs to prevent exceeding the structural limits of the airplane.                                                                            |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: Structural considerations, including explanation of limit load, ultimate load, and the dangers of combining accelerative and rolling moments (i.e., the rolling pull) during recovery. |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: The necessity for smooth, deliberate, and positive control inputs to avoid unacceptable load factors and secondary stalls.                                                             |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                    | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: AOA must be reduced prior to controlling roll.                                                                                                                                                                                                                       |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: Effectiveness of control surfaces and the order in which the control surfaces lose and regain their effectiveness (e.g., spoilers, ailerons, etc.).                                                                                                                  |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: If a terrain awareness warning system (TAWS) warning is encountered during recovery from a low altitude stall event, recovery from the stall warning should take precedence. Once the airplane recovers from the stall event, then execute the TAWS escape maneuver. |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                          |                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                    | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                             |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: AOA versus pitch angle.                                                                                                               |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Rate of onset including rate of airspeed decay (both low and high).                                                                   |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Airplane configuration and condition including weight, center of gravity (CG), landing gear, flaps/slats, spoilers/speed brakes, etc. |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Asymmetric loading including thrust asymmetries, wing loading due to roll or yaw transients or uncoordinated flight.                  |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: G loading.                                                                                                                            |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Bank angle.                                                                                                                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                          |                                                                                                                                                                                                |
|-----------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                    | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                      |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Thrust and lift vectors.                                       |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Thrust required versus thrust available.                       |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Wind shear.                                                    |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Altitude.                                                      |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Mach effects.                                                  |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Situational Awareness.                                         |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Mode confusion, including unexpected/unannounced mode changes. |



| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                          |                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                    | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                       |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Unexpected transition from automated to manual flight.                                                                          |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Contamination (ice), including the effect of icing on stall speed and stall warnings.                                           |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can demonstrate an understanding of AOA indicators (if installed) or interpretation of other representations of AOA such as pitch-limit indicators or speed display symbology that can assist in stall prevention.                                              |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain specific stall and low-speed buffet characteristics unique to the airplane type and any implications for the expected flight operations and airplane-specific stall recovery procedure (e.g., underwing mounted engines, t-tail, propellers, etc.). |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain for envelope protected airplanes, stall protection capabilities in normal and degraded modes.                                                                                                                                                       |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can describe thrust settings and its application.                                                                                                                                                                                                               |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can demonstrate awareness of autoflight mode indications.                                                                                                                                                                                                       |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                          |                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                    | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                     |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain incorrect use of (including input errors) flightpath automated systems.                                                                                                                                                                                                                                                                           |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain the operation and function of stall protection systems in normal, abnormal, and emergency situations, including the hazards of overriding or ignoring stall protection system indications. Awareness of the factors that may lead such systems to fail, as well as degraded modes, indications, or behaviors that may occur with system failures. |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain buffet boundary and margins in flight planning and operational flying.                                                                                                                                                                                                                                                                            |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain the lower margins for stall onset and recovery (i.e., coffin corner) and possible buffet cueing differences on the high-speed versus the low-speed margin.                                                                                                                                                                                        |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain the principles of high altitude aerodynamics, performance capabilities, and limitations; including high altitude operations and flight techniques (i.e., the need to avoid secondary stall by extended nose-down recovery, compared to lower altitudes).                                                                                          |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                    | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain the differences in airplane performance (e.g., thrust available) during high versus low altitude operations, the effects of those differences on stall recovery, and the anticipated altitude loss during a recovery.                                                                                                                                                                                                                                                                     |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can explain the differences between transport category airplane certification and GA airplane certification regarding use of flight controls at high AOA. For example, if the roll control system is compromised and the ailerons are unable to produce the required roll recovery, the rudder may be used with care during stall prevention and recovery. To maintain structural integrity, it is important to guard against control reversals—avoid rapid full-scale reversal of control deflection |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                    | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Flight Profiles and Maneuvers                       | Understand Stall Prevention and Recovery | Can demonstrate general awareness of example events. Although significant emphasis should be placed on preventing stall events, it is important for pilots to understand that, although rare, stall events continue to occur. Studying the causes and contributing factors of stall events give pilots more knowledge to help prevent or if necessary, recover from a stall event. A review of stall-related accidents, incidents, ASAP, FOQA, and ASRS data for the specific airplane type or class should be included in ground training. |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Flight Profiles and Maneuvers                       | Conduct Stall Prevention and Recovery Scenario per AC120-109A | Can explain the STICK PUSHER. For airplanes equipped with a stick pusher, stall recovery training includes ground training and practical training in an FFS. It is important for pilots to experience the sudden forward movement of the control yoke/stick during a stick pusher activation. From observations, most instructors state that, regardless of previous academic training, pilots usually resist the stick pusher on their first encounter. Usually, they immediately pull back on the control yoke/stick rather than releasing pressure as they have been taught. Therefore, pilots must receive practical stick pusher training in an FFS to develop the proper response (allowing the pusher to reduce AOA) when confronted with a stick pusher activation. Stick pusher training should be completed as a demonstration/practice exercise, including repetitions, until the pilot's reaction is to permit the reduction in AOA even at low altitudes. Pilot response to a deliberate activation of the pusher is not a checked maneuver. |
| Flight Profiles and Maneuvers                       | Conduct Emergency Procedure - EGPWS escape maneuver           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Flight Profiles and Maneuvers                       | Conduct Emergency Procedure - EGPWS escape maneuver           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                  |                                                                                                                                                   |
|------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                     | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Fuel System                                                | Understand Fuel system - capacity and quantities | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                                | Understand Fuel system - capacity and quantities | Can explain system or component limitations                                                                                                       |
| Fuel System                                                | Understand Fuel system - capacity and quantities | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                                | Understand Fuel system - capacity and quantities | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                                | Understand Fuel system - capacity and quantities | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                                | Understand Fuel system - capacity and quantities | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                                | Understand Fuel system - drains                  | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                                | Understand Fuel system - drains                  | Can explain system or component limitations                                                                                                       |
| Fuel System                                                | Understand Fuel system - drains                  | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                                | Understand Fuel system - drains                  | Can explain immediate action items or memory items, if appropriate                                                                                |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                  |                                                                                                                                                   |
|------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                     | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Fuel System                                                | Understand Fuel system - drains                  | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                                | Understand Fuel system - drains                  | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                                | Understand Fuel system - pumps                   | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                                | Understand Fuel system - pumps                   | Can explain system or component limitations                                                                                                       |
| Fuel System                                                | Understand Fuel system - pumps                   | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                                | Understand Fuel system - pumps                   | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                                | Understand Fuel system - pumps                   | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                                | Understand Fuel system - pumps                   | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                                | Understand Fuel system - controls and indicators | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                                | Understand Fuel system - controls and indicators | Can explain system or component limitations                                                                                                       |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                  |                                                                                                                                                   |
|------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                     | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Fuel System                                                | Understand Fuel system - controls and indicators | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                                | Understand Fuel system - controls and indicators | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                                | Understand Fuel system - controls and indicators | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                                | Understand Fuel system - controls and indicators | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                                | Understand Fuel system - fuel substitutions      | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                                | Understand Fuel system - fuel substitutions      | Can explain system or component limitations                                                                                                       |
| Fuel System                                                | Understand Fuel system - fuel substitutions      | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                                | Understand Fuel system - fuel substitutions      | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                                | Understand Fuel system - fuel substitutions      | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                                | Understand Fuel system - fuel substitutions      | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |



| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                        |                                                                                                                                                   |
|------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                           | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Fuel System                                                | Understand Fuel system - cross-feeding | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                                | Understand Fuel system - cross-feeding | Can explain system or component limitations                                                                                                       |
| Fuel System                                                | Understand Fuel system - cross-feeding | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                                | Understand Fuel system - cross-feeding | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                                | Understand Fuel system - cross-feeding | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                                | Understand Fuel system - cross-feeding | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                                | Understand Fuel system - transferring  | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                                | Understand Fuel system - transferring  | Can explain system or component limitations                                                                                                       |
| Fuel System                                                | Understand Fuel system - transferring  | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                                | Understand Fuel system - transferring  | Can explain immediate action items or memory items, if appropriate                                                                                |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                       |                                                                                                                                                   |
|-----------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                 | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fuel System                                         | Understand Fuel system - transferring | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                         | Understand Fuel system - transferring | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                         | Understand Fuel system - fuel grade   | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                         | Understand Fuel system - fuel grade   | Can explain system or component limitations                                                                                                       |
| Fuel System                                         | Understand Fuel system - fuel grade   | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                         | Understand Fuel system - fuel grade   | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                         | Understand Fuel system - fuel grade   | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                         | Understand Fuel system - fuel grade   | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                         | Understand Fuel system - additives    | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                         | Understand Fuel system - additives    | Can explain system or component limitations                                                                                                       |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                           |                                                                                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                              | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Fuel System                                                | Understand Fuel system - additives                        | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                                | Understand Fuel system - additives                        | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                                | Understand Fuel system - additives                        | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                                | Understand Fuel system - additives                        | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                                | Understand Fuel system - fueling and defueling procedures | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                                | Understand Fuel system - fueling and defueling procedures | Can explain system or component limitations                                                                                                       |
| Fuel System                                                | Understand Fuel system - fueling and defueling procedures | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                                | Understand Fuel system - fueling and defueling procedures | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                                | Understand Fuel system - fueling and defueling procedures | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                                | Understand Fuel system - fueling and defueling procedures | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                           |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Fuel System                                         | Understand Fuel system - capacity and quantities |                                           |
| Fuel System                                         | Understand Fuel system - capacity and quantities |                                           |
| Fuel System                                         | Understand Fuel system - capacity and quantities |                                           |
| Fuel System                                         | Understand Fuel system - capacity and quantities |                                           |
| Fuel System                                         | Understand Fuel system - drains                  |                                           |
| Fuel System                                         | Understand Fuel system - drains                  |                                           |
| Fuel System                                         | Understand Fuel system - drains                  |                                           |
| Fuel System                                         | Understand Fuel system - drains                  |                                           |
| Fuel System                                         | Understand Fuel system - pumps                   |                                           |
| Fuel System                                         | Understand Fuel system - pumps                   |                                           |
| Fuel System                                         | Understand Fuel system - pumps                   |                                           |
| Fuel System                                         | Understand Fuel system - pumps                   |                                           |
| Fuel System                                         | Understand Fuel system - controls and indicators |                                           |
| Fuel System                                         | Understand Fuel system - controls and indicators |                                           |
| Fuel System                                         | Understand Fuel system - controls and indicators |                                           |
| Fuel System                                         | Understand Fuel system - controls and indicators |                                           |
| Fuel System                                         | Understand Fuel system - fuel substitutions      |                                           |
| Fuel System                                         | Understand Fuel system - fuel substitutions      |                                           |
| Fuel System                                         | Understand Fuel system - fuel substitutions      |                                           |
| Fuel System                                         | Understand Fuel system - fuel substitutions      |                                           |
| Fuel System                                         | Understand Fuel system - cross-feeding           |                                           |
| Fuel System                                         | Understand Fuel system - cross-feeding           |                                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                           |                                           |
|-----------------------------------------------------|-----------------------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Fuel System                                         | Understand Fuel system - cross-feeding                    |                                           |
| Fuel System                                         | Understand Fuel system - cross-feeding                    |                                           |
| Fuel System                                         | Understand Fuel system - transferring                     |                                           |
| Fuel System                                         | Understand Fuel system - transferring                     |                                           |
| Fuel System                                         | Understand Fuel system - transferring                     |                                           |
| Fuel System                                         | Understand Fuel system - transferring                     |                                           |
| Fuel System                                         | Understand Fuel system - jettison                         |                                           |
| Fuel System                                         | Understand Fuel system - jettison                         |                                           |
| Fuel System                                         | Understand Fuel system - jettison                         |                                           |
| Fuel System                                         | Understand Fuel system - jettison                         |                                           |
| Fuel System                                         | Understand Fuel system - fuel grade                       |                                           |
| Fuel System                                         | Understand Fuel system - fuel grade                       |                                           |
| Fuel System                                         | Understand Fuel system - fuel grade                       |                                           |
| Fuel System                                         | Understand Fuel system - fuel grade                       |                                           |
| Fuel System                                         | Understand Fuel system - additives                        |                                           |
| Fuel System                                         | Understand Fuel system - additives                        |                                           |
| Fuel System                                         | Understand Fuel system - additives                        |                                           |
| Fuel System                                         | Understand Fuel system - additives                        |                                           |
| Fuel System                                         | Understand Fuel system - fueling and defueling procedures |                                           |
| Fuel System                                         | Understand Fuel system - fueling and defueling procedures |                                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                           |                                                                                                                                                   |
|-----------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fuel System                                         | Understand Fuel system - fueling and defueling procedures |                                                                                                                                                   |
| Fuel System                                         | Understand Fuel system - fueling and defueling procedures |                                                                                                                                                   |
| Hydraulic System                                    | Understand Hydraulic system - capacity                    | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Hydraulic System                                    | Understand Hydraulic system - capacity                    | Can explain system or component limitations                                                                                                       |
| Hydraulic System                                    | Understand Hydraulic system - capacity                    | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Hydraulic System                                    | Understand Hydraulic system - capacity                    | Can explain immediate action items or memory items, if appropriate                                                                                |
| Hydraulic System                                    | Understand Hydraulic system - capacity                    | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Hydraulic System                                    | Understand Hydraulic system - capacity                    | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Hydraulic System                                    | Understand Hydraulic system - pumps                       | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Hydraulic System                                    | Understand Hydraulic system - pumps                       | Can explain system or component limitations                                                                                                       |
| Hydraulic System                                    | Understand Hydraulic system - pumps                       | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Hydraulic System                                    | Understand Hydraulic system - pumps                       | Can explain immediate action items or memory items, if appropriate                                                                                |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                          |                                                                                                                                                   |
|------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                             | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Hydraulic System                                           | Understand Hydraulic system - pumps      | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Hydraulic System                                           | Understand Hydraulic system - pumps      | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Hydraulic System                                           | Understand Hydraulic system - pressure   | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Hydraulic System                                           | Understand Hydraulic system - pressure   | Can explain system or component limitations                                                                                                       |
| Hydraulic System                                           | Understand Hydraulic system - pressure   | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Hydraulic System                                           | Understand Hydraulic system - pressure   | Can explain immediate action items or memory items, if appropriate                                                                                |
| Hydraulic System                                           | Understand Hydraulic system - pressure   | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Hydraulic System                                           | Understand Hydraulic system - pressure   | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Hydraulic System                                           | Understand Hydraulic system - reservoirs | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Hydraulic System                                           | Understand Hydraulic system - reservoirs | Can explain system or component limitations                                                                                                       |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                        |                                                                                                                                                   |
|------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                           | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Hydraulic System                                           | Understand Hydraulic system - reservoirs               | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Hydraulic System                                           | Understand Hydraulic system - reservoirs               | Can explain immediate action items or memory items, if appropriate                                                                                |
| Hydraulic System                                           | Understand Hydraulic system - reservoirs               | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Hydraulic System                                           | Understand Hydraulic system - reservoirs               | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Hydraulic System                                           | Understand Hydraulic system - allowable types of fluid | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Hydraulic System                                           | Understand Hydraulic system - allowable types of fluid | Can explain system or component limitations                                                                                                       |
| Hydraulic System                                           | Understand Hydraulic system - allowable types of fluid | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Hydraulic System                                           | Understand Hydraulic system - allowable types of fluid | Can explain immediate action items or memory items, if appropriate                                                                                |
| Hydraulic System                                           | Understand Hydraulic system - allowable types of fluid | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Hydraulic System                                           | Understand Hydraulic system - allowable types of fluid | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |



| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                       |                                                                                                                                                   |
|-----------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                 | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Hydraulic System                                    | Understand Hydraulic system - regulators/accumulators | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Hydraulic System                                    | Understand Hydraulic system - regulators/accumulators | Can explain system or component limitations                                                                                                       |
| Hydraulic System                                    | Understand Hydraulic system - regulators/accumulators | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Hydraulic System                                    | Understand Hydraulic system - regulators/accumulators | Can explain immediate action items or memory items, if appropriate                                                                                |
| Hydraulic System                                    | Understand Hydraulic system - regulators/accumulators | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Hydraulic System                                    | Understand Hydraulic system - regulators/accumulators | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Hydraulic System                                    | Understand Hydraulic system - capacity                |                                                                                                                                                   |
| Hydraulic System                                    | Understand Hydraulic system - capacity                |                                                                                                                                                   |
| Hydraulic System                                    | Understand Hydraulic system - capacity                |                                                                                                                                                   |
| Hydraulic System                                    | Understand Hydraulic system - capacity                |                                                                                                                                                   |
| Hydraulic System                                    | Understand Hydraulic system - pumps                   |                                                                                                                                                   |
| Hydraulic System                                    | Understand Hydraulic system - pumps                   |                                                                                                                                                   |
| Hydraulic System                                    | Understand Hydraulic system - pumps                   |                                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                        |                                           |
|-----------------------------------------------------|--------------------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Hydraulic System                                    | Understand Hydraulic system - pumps                    |                                           |
| Hydraulic System                                    | Understand Hydraulic system - pressure                 |                                           |
| Hydraulic System                                    | Understand Hydraulic system - pressure                 |                                           |
| Hydraulic System                                    | Understand Hydraulic system - pressure                 |                                           |
| Hydraulic System                                    | Understand Hydraulic system - pressure                 |                                           |
| Hydraulic System                                    | Understand Hydraulic system - reservoirs               |                                           |
| Hydraulic System                                    | Understand Hydraulic system - reservoirs               |                                           |
| Hydraulic System                                    | Understand Hydraulic system - reservoirs               |                                           |
| Hydraulic System                                    | Understand Hydraulic system - reservoirs               |                                           |
| Hydraulic System                                    | Understand Hydraulic system - allowable types of fluid |                                           |
| Hydraulic System                                    | Understand Hydraulic system - allowable types of fluid |                                           |
| Hydraulic System                                    | Understand Hydraulic system - allowable types of fluid |                                           |
| Hydraulic System                                    | Understand Hydraulic system - allowable types of fluid |                                           |
| Hydraulic System                                    | Understand Hydraulic system - regulators/accumulators  |                                           |
| Hydraulic System                                    | Understand Hydraulic system - regulators/accumulators  |                                           |
| Hydraulic System                                    | Understand Hydraulic system - regulators/accumulators  |                                           |
| Hydraulic System                                    | Understand Hydraulic system - regulators/accumulators  |                                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                              |
| Ice Protection                                      | Understand ground operations in icing conditions | Can explain that regulations prohibit takeoff when snow, ice, or frost is adhering to wings, propellers, or control surfaces of an aircraft.                                                                                                                           |
| Ice Protection                                      | Understand ground operations in icing conditions | Can explain that the degradation in aircraft performance and changes in flight characteristics when frozen contaminants are present are wide ranging, unpredictable, and highly dependent upon individual aircraft design                                              |
| Ice Protection                                      | Understand ground operations in icing conditions | Can explain that the PIC has the ultimate responsibility to determine if the aircraft is clean and that the aircraft is in a condition for safe flight.                                                                                                                |
| Ice Protection                                      | Understand ground operations in icing conditions | Can explain that in order to achieve compliance with the clean aircraft concept, it is imperative that takeoff not be attempted in any aircraft unless the pilot-in-command (PIC) is certain that critical components of the aircraft are free of frozen contaminants. |
| Ice Protection                                      | Understand ground operations in icing conditions | Can explain that for aircraft type specific procedures, pilots should refer to the aircraft flight manuals or other manufacturer documents developed for that particular type aircraft                                                                                 |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                           |
| Ice Protection                                      | Understand ground operations in icing conditions | Can explain that icing conditions (during flight or ground operations) can occur, and ice protection systems or procedures should be activated when OAT is below 50 degrees F (10 degrees C) and visible moisture in any form is present or when there is standing water, ice, or snow on the runway and/or taxiways.                                                                                                               |
| Ice Protection                                      | Understand ground operations in icing conditions | Can explain that residual ice or slush accumulated on airframe components during landing and taxi operations on contaminated runways, taxiways and ramps, can remain in place if low temperatures and other weather conditions exist unless identified and removed. Contaminants of this type are commonly found in wheel wells, on landing gear components, trailing edge flaps, undersurfaces of wings and horizontal stabilizers |
| Ice Protection                                      | Understand ground operations in icing conditions | Can explain that the deicing process is intended to restore the aircraft to a clean configuration so that neither degradation of aerodynamic characteristics nor mechanical interference from contaminants will occur                                                                                                                                                                                                               |
| Ice Protection                                      | Understand ground operations in icing conditions | Can explain that it is essential that the PIC have a thorough understanding of the deicing and anti-icing process and the approved procedures necessary to ensure that the aircraft is clean for takeoff.                                                                                                                                                                                                                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                            |                                                                                                                                                                                            |
|-----------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                  |
| Ice Protection                                      | Understand ground operations in icing conditions           | Can explain that anti-icing should be performed as near to the takeoff time as possible to minimize the risk of exceeding the useful life or time of effectiveness of the anti-icing fluid |
| Ice Protection                                      | Understand Ice Protection - anti-ice & de-ice.             | Can describe the operation of the airplane systems and components using correct terminology                                                                                                |
| Ice Protection                                      | Understand Ice Protection - anti-ice & de-ice.             | Can explain system or component limitations                                                                                                                                                |
| Ice Protection                                      | Understand Ice Protection - anti-ice & de-ice.             | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                                                         |
| Ice Protection                                      | Understand Ice Protection - anti-ice & de-ice.             | Can explain immediate action items or memory items, if appropriate                                                                                                                         |
| Ice Protection                                      | Understand Ice Protection - anti-ice & de-ice.             | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device                                             |
| Ice Protection                                      | Understand Ice Protection - anti-ice & de-ice.             | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device                                          |
| Ice Protection                                      | Understand Ice Protection - pitot-static system protection | Can describe the operation of the airplane systems and components using correct terminology                                                                                                |
| Ice Protection                                      | Understand Ice Protection - pitot-static system protection | Can explain system or component limitations                                                                                                                                                |
| Ice Protection                                      | Understand Ice Protection - pitot-static system protection | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                                                         |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                            |                                                                                                                                                   |
|-----------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Ice Protection                                      | Understand Ice Protection - pitot-static system protection | Can explain immediate action items or memory items, if appropriate                                                                                |
| Ice Protection                                      | Understand Ice Protection - pitot-static system protection | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Ice Protection                                      | Understand Ice Protection windshield                       | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Ice Protection                                      | Understand Ice Protection windshield                       | Can explain system or component limitations                                                                                                       |
| Ice Protection                                      | Understand Ice Protection windshield                       | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Ice Protection                                      | Understand Ice Protection windshield                       | Can explain immediate action items or memory items, if appropriate                                                                                |
| Ice Protection                                      | Understand Ice Protection windshield                       | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Ice Protection                                      | Understand Ice Protection windshield                       | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Ice Protection                                      | Understand Ice Protection airfoil surfaces                 | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Ice Protection                                      | Understand Ice Protection airfoil surfaces                 | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                            |                                                                                                                                                   |
|-----------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Ice Protection                                      | Understand Ice Protection airfoil surfaces                 | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Ice Protection                                      | Understand Ice Protection airfoil surfaces                 | Can explain immediate action items or memory items, if appropriate                                                                                |
| Ice Protection                                      | Understand Ice Protection airfoil surfaces                 | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Ice Protection                                      | Understand Ice Protection airfoil surfaces                 | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Ice Protection                                      | Understand Ice Protection - anti-ice & de-ice.             |                                                                                                                                                   |
| Ice Protection                                      | Understand Ice Protection - anti-ice & de-ice.             |                                                                                                                                                   |
| Ice Protection                                      | Understand Ice Protection - anti-ice & de-ice.             |                                                                                                                                                   |
| Ice Protection                                      | Understand Ice Protection - anti-ice & de-ice.             |                                                                                                                                                   |
| Ice Protection                                      | Understand Ice Protection - pitot-static system protection |                                                                                                                                                   |
| Ice Protection                                      | Understand Ice Protection - pitot-static system protection |                                                                                                                                                   |
| Ice Protection                                      | Understand Ice Protection - pitot-static system protection |                                                                                                                                                   |
| Ice Protection                                      | Understand Ice Protection - pitot-static system protection |                                                                                                                                                   |
| Ice Protection                                      | Understand Ice Protection windshield                       |                                                                                                                                                   |
| Ice Protection                                      | Understand Ice Protection windshield                       |                                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                       |                                                                                                                                                |
|-----------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                 | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Ice Protection                                      | Understand Ice Protection windshield                  |                                                                                                                                                |
| Ice Protection                                      | Understand Ice Protection windshield                  |                                                                                                                                                |
| Ice Protection                                      | Understand Ice Protection airfoil surfaces            |                                                                                                                                                |
| Ice Protection                                      | Understand Ice Protection airfoil surfaces            |                                                                                                                                                |
| Ice Protection                                      | Understand Ice Protection airfoil surfaces            |                                                                                                                                                |
| Ice Protection                                      | Understand Ice Protection airfoil surfaces            |                                                                                                                                                |
| Ice Protection                                      | Understand ground operations in icing conditions      | Can describe characteristics of type I fluid                                                                                                   |
| Ice Protection                                      | Understand ground operations in icing conditions      | Can describe characteristics of type II, III and IV fluids                                                                                     |
| Ice Protection                                      | Understand ground operations in icing conditions      | Can describe differences between holdover time guidelines of the four fluid types                                                              |
| Ice Protection                                      | Understand ground operations in icing conditions      |                                                                                                                                                |
| Landing Gear and Brakes                             | Understand Landing Gear - extension/retraction system | Can describe the operation of the airplane systems and components using correct terminology                                                    |
| Landing Gear and Brakes                             | Understand Landing Gear - extension/retraction system | Can explain system or component limitations                                                                                                    |
| Landing Gear and Brakes                             | Understand Landing Gear - extension/retraction system | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Landing Gear and Brakes                             | Understand Landing Gear - extension/retraction system | Can explain immediate action items or memory items, if appropriate                                                                             |
| Landing Gear and Brakes                             | Understand Landing Gear - extension/retraction system | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |



| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                       |                                                                                                                                                   |
|------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                          | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Landing Gear and Brakes                                    | Understand Landing Gear - extension/retraction system | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                                    | Understand Landing Gear - indicators                  | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Landing Gear and Brakes                                    | Understand Landing Gear - indicators                  | Can explain system or component limitations                                                                                                       |
| Landing Gear and Brakes                                    | Understand Landing Gear - indicators                  | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Landing Gear and Brakes                                    | Understand Landing Gear - indicators                  | Can explain immediate action items or memory items, if appropriate                                                                                |
| Landing Gear and Brakes                                    | Understand Landing Gear - indicators                  | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Landing Gear and Brakes                                    | Understand Landing Gear - indicators                  | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                                    | Understand Landing Gear - brakes                      | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Landing Gear and Brakes                                    | Understand Landing Gear - brakes                      | Can explain system or component limitations                                                                                                       |
| Landing Gear and Brakes                                    | Understand Landing Gear - brakes                      | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                    |                                                                                                                                                   |
|-----------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Landing Gear and Brakes                             | Understand Landing Gear - brakes   | Can explain immediate action items or memory items, if appropriate                                                                                |
| Landing Gear and Brakes                             | Understand Landing Gear - brakes   | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Landing Gear and Brakes                             | Understand Landing Gear - brakes   | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                             | Understand Landing Gear - antiskid | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Landing Gear and Brakes                             | Understand Landing Gear - antiskid | Can explain system or component limitations                                                                                                       |
| Landing Gear and Brakes                             | Understand Landing Gear - antiskid | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Landing Gear and Brakes                             | Understand Landing Gear - antiskid | Can explain immediate action items or memory items, if appropriate                                                                                |
| Landing Gear and Brakes                             | Understand Landing Gear - antiskid | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Landing Gear and Brakes                             | Understand Landing Gear - antiskid | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                             | Understand Landing Gear - tires    | Can describe the operation of the airplane systems and                                                                                            |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                              |                                                                                                                                                   |
|------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                 | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
|                                                            |                                              | components using correct terminology                                                                                                              |
| Landing Gear and Brakes                                    | Understand Landing Gear - tires              | Can explain system or component limitations                                                                                                       |
| Landing Gear and Brakes                                    | Understand Landing Gear - tires              | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Landing Gear and Brakes                                    | Understand Landing Gear - tires              | Can explain immediate action items or memory items, if appropriate                                                                                |
| Landing Gear and Brakes                                    | Understand Landing Gear - tires              | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Landing Gear and Brakes                                    | Understand Landing Gear - tires              | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                                    | Understand Landing Gear - nosewheel steering | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Landing Gear and Brakes                                    | Understand Landing Gear - nosewheel steering | Can explain system or component limitations                                                                                                       |
| Landing Gear and Brakes                                    | Understand Landing Gear - nosewheel steering | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Landing Gear and Brakes                                    | Understand Landing Gear - nosewheel steering | Can explain immediate action items or memory items, if appropriate                                                                                |
| Landing Gear and Brakes                                    | Understand Landing Gear - nosewheel steering | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                       |                                                                                                                                                   |
|-----------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                 | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Landing Gear and Brakes                             | Understand Landing Gear - nosewheel steering          | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                             | Understand Landing Gear - shock absorbers             | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Landing Gear and Brakes                             | Understand Landing Gear - shock absorbers             | Can explain system or component limitations                                                                                                       |
| Landing Gear and Brakes                             | Understand Landing Gear - shock absorbers             | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Landing Gear and Brakes                             | Understand Landing Gear - shock absorbers             | Can explain immediate action items or memory items, if appropriate                                                                                |
| Landing Gear and Brakes                             | Understand Landing Gear - shock absorbers             | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Landing Gear and Brakes                             | Understand Landing Gear - shock absorbers             | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                             | Understand Landing Gear - extension/retraction system |                                                                                                                                                   |
| Landing Gear and Brakes                             | Understand Landing Gear - extension/retraction system |                                                                                                                                                   |
| Landing Gear and Brakes                             | Understand Landing Gear - extension/retraction system |                                                                                                                                                   |
| Landing Gear and Brakes                             | Understand Landing Gear - extension/retraction system |                                                                                                                                                   |
| Landing Gear and Brakes                             | Understand Landing Gear - indicators                  |                                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                              |                                           |
|-----------------------------------------------------|----------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Landing Gear and Brakes                             | Understand Landing Gear - indicators         |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - indicators         |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - indicators         |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - brakes             |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - brakes             |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - brakes             |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - brakes             |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - antiskid           |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - antiskid           |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - antiskid           |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - antiskid           |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - tires              |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - tires              |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - tires              |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - tires              |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - nosewheel steering |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - nosewheel steering |                                           |
| Landing Gear and Brakes                             | Understand Landing Gear - nosewheel steering |                                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                              |                                                                                                                                                   |
|-----------------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Landing Gear and Brakes                             | Understand Landing Gear - nosewheel steering |                                                                                                                                                   |
| Landing Gear and Brakes                             | Understand Landing Gear - shock absorbers    |                                                                                                                                                   |
| Landing Gear and Brakes                             | Understand Landing Gear - shock absorbers    |                                                                                                                                                   |
| Landing Gear and Brakes                             | Understand Landing Gear - shock absorbers    |                                                                                                                                                   |
| Landing Gear and Brakes                             | Understand Landing Gear - shock absorbers    |                                                                                                                                                   |
| Lighting                                            | Understand Lighting                          | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Lighting                                            | Understand Lighting                          | Can explain system or component limitations                                                                                                       |
| Lighting                                            | Understand Lighting                          | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Lighting                                            | Understand Lighting                          | Can explain immediate action items or memory items, if appropriate                                                                                |
| Lighting                                            | Understand Lighting                          | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Lighting                                            | Understand Lighting                          | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Lighting                                            | Understand Lighting                          |                                                                                                                                                   |
| Lighting                                            | Understand Lighting                          |                                                                                                                                                   |
| Lighting                                            | Understand Lighting                          |                                                                                                                                                   |
| Lighting                                            | Understand Lighting                          |                                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                        |                                                                                                                                                                               |
|-----------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand Crew and Passenger Emergency Equipment - emergency exits    | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Electrical System - alternators                             | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Electrical System - generators                              | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Electrical System - circuit breakers and protection devices | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Electrical System - controls                                | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Electrical System - indicators                              | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                           |                                                                                                                                                                               |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                              | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                          |
| MEL and CDL                                                | Understand Electrical System - external and auxiliary power sources. (ground power and APU)               | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Lighting                                                                                       | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Pitot Static System - associated instruments and the power source for those flight instruments | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Pitot Static System - Operation and power sources for other flight instruments                 | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Avionics and communications - autopilot                                                        | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Avionics and communications - Electronic Flight Instrument Systems (EFIS)                      | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |



| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                         |                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                   | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand Avionics and communications - Flight Management System (FMS)                 | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Avionics and communications - Radar                                          | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Avionics and communications - Inertial Navigation Systems (INS)              | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Avionics and communications - Global Navigation Satellite System (GNSS)      | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Avionics and communications - ground-based navigation systems and components | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Avionics and communications - transponder                                    | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                          |                                                                                                                                                                               |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                             | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                          |
| MEL and CDL                                                | Understand Avionics and communications - Automatic Dependent Surveillance – Broadcast (ADS-B) In and Out | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Avionics and communications - ADS – Contract (ADS-C)                                          | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Avionics and communications - traffic awareness/warning/avoidance systems                     | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Avionics and communications - terrain awareness/warning/alert systems                         | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite)  | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Avionics and communications - communication systems (e.g., data link, UHF/VHF/HF, satellite)  | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                         |                                                                                                                                                                               |
|------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                            | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                          |
| MEL and CDL                                                | Understand Avionics and communications - indicating devices             | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Avionics and communications - emergency locator transmitter. | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Powerplant - turbine wheels                                  | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Powerplant - compressors                                     | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Powerplant - deicing, anti-icing                             | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Powerplant - controls and indications                        | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                            |                                                                                                                                                                               |
|-----------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand Powerplant - oil system capacity and quantities | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Powerplant - allowable types of oil             | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Powerplant - thrust reverse                     | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Propellers - type                               | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand propellers - feathering/unfeathering            | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand propellers - auto-feather                       | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                             |                                                                                                                                                                               |
|------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                          |
| MEL and CDL                                                | Understand propellers - negative torque sensing                             | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand propellers - synchronizing                                       | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand propellers - synchrophasing                                      | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand propeller - thrust reverse and uncommanded reverse               | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Auxiliary Power Unit (APU)                                       | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Fire & smoke detection, protection, and suppression - powerplant | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                                                                   |                                                                                                                                                                               |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                          |
| MEL and CDL                                                | Understand Fire & smoke detection, protection, and suppression - cargo and passenger compartments                                                 | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Fire & smoke detection, protection, and suppression - lavatory                                                                         | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Fire & smoke detection, protection, and suppression - pneumatic and environmental                                                      | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Fire & smoke detection, protection, and suppression - electrical/avionics, and batteries (on-aircraft and personal electronic devices) | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Fuel system - capacity and quantities                                                                                                  | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Fuel system - drains                                                                                                                   | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                  |                                                                                                                                                                               |
|------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                     | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                          |
| MEL and CDL                                                | Understand Fuel system - pumps                   | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Fuel system - controls and indicators | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Fuel system - fuel substitutions      | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Fuel system - cross-feeding           | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Fuel system - transferring            | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Fuel system - jettison                | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                           |                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand Fuel system - fuel grade                       | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Fuel system - additives                        | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Fuel system - fueling and defueling procedures | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Hydraulic system - capacity                    | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Hydraulic system - pumps                       | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Hydraulic system - pressure                    | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |



| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                        |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand Hydraulic system - reservoirs               | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Hydraulic system - allowable types of fluid | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Hydraulic system - regulators/accumulators  | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Landing Gear - extension/retraction system  | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Landing Gear - indicators                   | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Landing Gear - brakes                       | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                              |                                                                                                                                                                               |
|-----------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand Landing Gear - antiskid           | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Landing Gear - tires              | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Landing Gear - nosewheel steering | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Landing Gear - shock absorbers    | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Flight Controls - Ailerons        | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Flight Controls - elevator        | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                 |                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                           | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand Flight Controls - rudder                             | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Flight Controls - control tabs                       | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Flight Controls - control boost/augmentation systems | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Flight Controls - flaps                              | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Flight Controls - spoilers                           | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Flight Controls - leading edge devices               | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                               |                                                                                                                                                                               |
|-----------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand Flight Controls - speed brakes                                     | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Flight Controls - stability augmentation system (e.g., yaw damper) | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Flight Controls - trim systems                                     | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Ice Protection - anti-ice & de-ice.                                | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Ice Protection - pitot-static system protection                    | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Ice Protection windshield                                          | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                              |                                                                                                                                                                               |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                 | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                          |
| MEL and CDL                                                | Understand Ice Protection airfoil surfaces                                                   | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Pneumatic and environmental system - heating, cooling, ventilation                | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Pneumatic and environmental system - pressurization                               | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Pneumatic and environmental system - supply for ice protection systems            | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Pneumatic and environmental system - controls, indicators, and regulating devices | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                                | Understand Crew and Passenger Equipment - oxygen system                                      | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                            |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand Crew and Passenger Equipment - quick donning oxygen mask for crewmembers        | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Crew and Passenger Equipment - passenger oxygen system                          | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand Envelope protection—angle of attack warning and protection and speed protection | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| Oil System                                          | Understand Powerplant - oil system capacity and quantities                                 | Can describe the operation of the airplane systems and components using correct terminology                                                                                   |
| Oil System                                          | Understand Powerplant - oil system capacity and quantities                                 | Can explain system or component limitations                                                                                                                                   |
| Oil System                                          | Understand Powerplant - oil system capacity and quantities                                 | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                                            |
| Oil System                                          | Understand Powerplant - oil system capacity and quantities                                 | Can explain immediate action items or memory items, if appropriate                                                                                                            |
| Oil System                                          | Understand Powerplant - oil system capacity and quantities                                 | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device                                |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                     |                                                                                                                                                   |
|------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                        | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Oil System                                                 | Understand Powerplant - oil system capacity and quantities                          | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Oxygen                                                     | Understand Crew and Passenger Equipment - oxygen system                             | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Oxygen                                                     | Understand Crew and Passenger Equipment - oxygen system                             | Can explain system or component limitations                                                                                                       |
| Oxygen                                                     | Understand Crew and Passenger Equipment - oxygen system                             | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Oxygen                                                     | Understand Crew and Passenger Equipment - oxygen system                             | Can explain immediate action items or memory items, if appropriate                                                                                |
| Oxygen                                                     | Understand Crew and Passenger Equipment - oxygen system                             | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Oxygen                                                     | Understand Crew and Passenger Equipment - oxygen system                             | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Oxygen                                                     | Understand Crew and Passenger Equipment - quick donning oxygen mask for crewmembers | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Oxygen                                                     | Understand Crew and Passenger Equipment - quick donning oxygen mask for crewmembers | Can explain system or component limitations                                                                                                       |
| Oxygen                                                     | Understand Crew and Passenger Equipment - quick donning oxygen mask for crewmembers | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                     |                                                                                                                                                   |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                               | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Oxygen                                              | Understand Crew and Passenger Equipment - quick donning oxygen mask for crewmembers | Can explain immediate action items or memory items, if appropriate                                                                                |
| Oxygen                                              | Understand Crew and Passenger Equipment - quick donning oxygen mask for crewmembers | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Oxygen                                              | Understand Crew and Passenger Equipment - quick donning oxygen mask for crewmembers | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Oxygen                                              | Understand Crew and Passenger Equipment - passenger oxygen system                   | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Oxygen                                              | Understand Crew and Passenger Equipment - passenger oxygen system                   | Can explain system or component limitations                                                                                                       |
| Oxygen                                              | Understand Crew and Passenger Equipment - passenger oxygen system                   | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Oxygen                                              | Understand Crew and Passenger Equipment - passenger oxygen system                   | Can explain immediate action items or memory items, if appropriate                                                                                |
| Oxygen                                              | Understand Crew and Passenger Equipment - passenger oxygen system                   | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Oxygen                                              | Understand Crew and Passenger Equipment - passenger oxygen system                   | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |



| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                           |                                                                                             |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Oxygen                                              | Understand Crew and Passenger Equipment - oxygen system                                                   |                                                                                             |
| Oxygen                                              | Understand Crew and Passenger Equipment - oxygen system                                                   |                                                                                             |
| Oxygen                                              | Understand Crew and Passenger Equipment - oxygen system                                                   |                                                                                             |
| Oxygen                                              | Understand Crew and Passenger Equipment - oxygen system                                                   |                                                                                             |
| Oxygen                                              | Understand Crew and Passenger Equipment - quick donning oxygen mask for crewmembers                       |                                                                                             |
| Oxygen                                              | Understand Crew and Passenger Equipment - quick donning oxygen mask for crewmembers                       |                                                                                             |
| Oxygen                                              | Understand Crew and Passenger Equipment - quick donning oxygen mask for crewmembers                       |                                                                                             |
| Oxygen                                              | Understand Crew and Passenger Equipment - quick donning oxygen mask for crewmembers                       |                                                                                             |
| Oxygen                                              | Understand Crew and Passenger Equipment - passenger oxygen system                                         |                                                                                             |
| Oxygen                                              | Understand Crew and Passenger Equipment - passenger oxygen system                                         |                                                                                             |
| Oxygen                                              | Understand Crew and Passenger Equipment - passenger oxygen system                                         |                                                                                             |
| Oxygen                                              | Understand Crew and Passenger Equipment - passenger oxygen system                                         |                                                                                             |
| Pitot-static System                                 | Understand Pitot Static System - associated instruments and the power source for those flight instruments | Can describe the operation of the airplane systems and components using correct terminology |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                           |                                                                                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                              | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Pitot-static System                                        | Understand Pitot Static System - associated instruments and the power source for those flight instruments | Can explain system or component limitations                                                                                                       |
| Pitot-static System                                        | Understand Pitot Static System - associated instruments and the power source for those flight instruments | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Pitot-static System                                        | Understand Pitot Static System - associated instruments and the power source for those flight instruments | Can explain immediate action items or memory items, if appropriate                                                                                |
| Pitot-static System                                        | Understand Pitot Static System - associated instruments and the power source for those flight instruments | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Pitot-static System                                        | Understand Pitot Static System - associated instruments and the power source for those flight instruments | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pitot-static System                                        | Understand Pitot Static System - Operation and power sources for other flight instruments                 | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Pitot-static System                                        | Understand Pitot Static System - Operation and power sources for other flight instruments                 | Can explain system or component limitations                                                                                                       |
| Pitot-static System                                        | Understand Pitot Static System - Operation and power sources for other flight instruments                 | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Pitot-static System                                        | Understand Pitot Static System - Operation and power sources for other flight instruments                 | Can explain immediate action items or memory items, if appropriate                                                                                |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                           |                                                                                                                                                   |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Pitot-static System                                 | Understand Pitot Static System - Operation and power sources for other flight instruments                 | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Pitot-static System                                 | Understand Pitot Static System - Operation and power sources for other flight instruments                 | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pitot-static System                                 | Understand Pitot Static System - associated instruments and the power source for those flight instruments |                                                                                                                                                   |
| Pitot-static System                                 | Understand Pitot Static System - associated instruments and the power source for those flight instruments |                                                                                                                                                   |
| Pitot-static System                                 | Understand Pitot Static System - associated instruments and the power source for those flight instruments |                                                                                                                                                   |
| Pitot-static System                                 | Understand Pitot Static System - associated instruments and the power source for those flight instruments |                                                                                                                                                   |
| Pitot-static System                                 | Understand Pitot Static System - Operation and power sources for other flight instruments                 |                                                                                                                                                   |
| Pitot-static System                                 | Understand Pitot Static System - Operation and power sources for other flight instruments                 |                                                                                                                                                   |
| Pitot-static System                                 | Understand Pitot Static System - Operation and power sources for other flight instruments                 |                                                                                                                                                   |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                              |                                                                                                                                                   |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                 | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Pitot-static System                                        | Understand Pitot Static System - Operation and power sources for other flight instruments    |                                                                                                                                                   |
| Pneumatic and Environmental Systems                        | Understand Fire & smoke detection, protection, and suppression - pneumatic and environmental | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Pneumatic and Environmental Systems                        | Understand Fire & smoke detection, protection, and suppression - pneumatic and environmental | Can explain system or component limitations                                                                                                       |
| Pneumatic and Environmental Systems                        | Understand Fire & smoke detection, protection, and suppression - pneumatic and environmental | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Pneumatic and Environmental Systems                        | Understand Fire & smoke detection, protection, and suppression - pneumatic and environmental | Can explain immediate action items or memory items, if appropriate                                                                                |
| Pneumatic and Environmental Systems                        | Understand Fire & smoke detection, protection, and suppression - pneumatic and environmental | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Pneumatic and Environmental Systems                        | Understand Fire & smoke detection, protection, and suppression - pneumatic and environmental | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system - heating, cooling, ventilation                | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system - heating, cooling, ventilation                | Can explain system or component limitations                                                                                                       |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                  |                                                                                                                                                   |
|------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                     | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- heating, cooling, ventilation | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- heating, cooling, ventilation | Can explain immediate action items or memory items, if appropriate                                                                                |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- heating, cooling, ventilation | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- heating, cooling, ventilation | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- pressurization                | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- pressurization                | Can explain system or component limitations                                                                                                       |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- pressurization                | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- pressurization                | Can explain immediate action items or memory items, if appropriate                                                                                |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- pressurization                | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                                 |                                                                                                                                                   |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                    | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- pressurization                               | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- supply for ice protection systems            | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- supply for ice protection systems            | Can explain system or component limitations                                                                                                       |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- supply for ice protection systems            | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- supply for ice protection systems            | Can explain immediate action items or memory items, if appropriate                                                                                |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- supply for ice protection systems            | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- supply for ice protection systems            | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- controls, indicators, and regulating devices | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system<br>- controls, indicators, and regulating devices | Can explain system or component limitations                                                                                                       |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                                                              |                                                                                                                                                   |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                                                                 | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system - controls, indicators, and regulating devices | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system - controls, indicators, and regulating devices | Can explain immediate action items or memory items, if appropriate                                                                                |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system - controls, indicators, and regulating devices | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system - controls, indicators, and regulating devices | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pneumatic and Environmental Systems                        | Understand Fire & smoke detection, protection, and suppression - pneumatic and environmental |                                                                                                                                                   |
| Pneumatic and Environmental Systems                        | Understand Fire & smoke detection, protection, and suppression - pneumatic and environmental |                                                                                                                                                   |
| Pneumatic and Environmental Systems                        | Understand Fire & smoke detection, protection, and suppression - pneumatic and environmental |                                                                                                                                                   |
| Pneumatic and Environmental Systems                        | Understand Fire & smoke detection, protection, and suppression - pneumatic and environmental |                                                                                                                                                   |
| Pneumatic and Environmental Systems                        | Understand Pneumatic and environmental system - heating, cooling, ventilation                |                                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                                 |                                           |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                                                                           | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system<br>- heating, cooling, ventilation                |                                           |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system<br>- heating, cooling, ventilation                |                                           |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system<br>- heating, cooling, ventilation                |                                           |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system<br>- pressurization                               |                                           |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system<br>- pressurization                               |                                           |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system<br>- pressurization                               |                                           |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system<br>- pressurization                               |                                           |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system<br>- supply for ice protection systems            |                                           |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system<br>- supply for ice protection systems            |                                           |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system<br>- supply for ice protection systems            |                                           |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system<br>- supply for ice protection systems            |                                           |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system<br>- controls, indicators, and regulating devices |                                           |



| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                              |                                                                                                                                                   |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system - controls, indicators, and regulating devices |                                                                                                                                                   |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system - controls, indicators, and regulating devices |                                                                                                                                                   |
| Pneumatic and Environmental Systems                 | Understand Pneumatic and environmental system - controls, indicators, and regulating devices |                                                                                                                                                   |
| Powerplant                                          | Understand Powerplant - turbine wheels                                                       | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Powerplant                                          | Understand Powerplant - turbine wheels                                                       | Can explain system or component limitations                                                                                                       |
| Powerplant                                          | Understand Powerplant - turbine wheels                                                       | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Powerplant                                          | Understand Powerplant - turbine wheels                                                       | Can explain immediate action items or memory items, if appropriate                                                                                |
| Powerplant                                          | Understand Powerplant - turbine wheels                                                       | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Powerplant                                          | Understand Powerplant - turbine wheels                                                       | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Powerplant                                          | Understand Powerplant - compressors                                                          | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Powerplant                                          | Understand Powerplant - compressors                                                          | Can explain system or component limitations                                                                                                       |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                             |                                                                                                                                                   |
|------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Powerplant                                                 | Understand Powerplant - compressors         | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Powerplant                                                 | Understand Powerplant - compressors         | Can explain immediate action items or memory items, if appropriate                                                                                |
| Powerplant                                                 | Understand Powerplant - compressors         | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Powerplant                                                 | Understand Powerplant - compressors         | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Powerplant                                                 | Understand Powerplant - deicing, anti-icing | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Powerplant                                                 | Understand Powerplant - deicing, anti-icing | Can explain system or component limitations                                                                                                       |
| Powerplant                                                 | Understand Powerplant - deicing, anti-icing | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Powerplant                                                 | Understand Powerplant - deicing, anti-icing | Can explain immediate action items or memory items, if appropriate                                                                                |
| Powerplant                                                 | Understand Powerplant - deicing, anti-icing | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Powerplant                                                 | Understand Powerplant - deicing, anti-icing | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                                  |                                                                                                                                                   |
|------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                                     | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Powerplant                                                 | Understand Powerplant - controls and indications | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Powerplant                                                 | Understand Powerplant - controls and indications | Can explain system or component limitations                                                                                                       |
| Powerplant                                                 | Understand Powerplant - controls and indications | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Powerplant                                                 | Understand Powerplant - controls and indications | Can explain immediate action items or memory items, if appropriate                                                                                |
| Powerplant                                                 | Understand Powerplant - controls and indications | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Powerplant                                                 | Understand Powerplant - controls and indications | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Powerplant                                                 | Understand Powerplant - allowable types of oil   | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Powerplant                                                 | Understand Powerplant - allowable types of oil   | Can explain system or component limitations                                                                                                       |
| Powerplant                                                 | Understand Powerplant - allowable types of oil   | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Powerplant                                                 | Understand Powerplant - allowable types of oil   | Can explain immediate action items or memory items, if appropriate                                                                                |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                |                                                                                                                                                   |
|-----------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                          | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Powerplant                                          | Understand Powerplant - allowable types of oil | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Powerplant                                          | Understand Powerplant - allowable types of oil | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Powerplant                                          | Conduct Powerplant Start                       | Can describe normal powerplant start procedures and limitations without APU                                                                       |
| Powerplant                                          | Conduct Powerplant Start                       | Can describe normal powerplant start procedures and limitations with APU                                                                          |
| Powerplant                                          | Conduct Powerplant Start                       | Can describe abnormal powerplant start procedures and limitations without APU                                                                     |
| Powerplant                                          | Conduct Powerplant Start                       | Can describe abnormal powerplant start procedures and limitations with APU                                                                        |
| Powerplant                                          | Conduct Powerplant Start                       | Can explain procedures for starting engines under various conditions                                                                              |
| Powerplant                                          | Conduct Powerplant Start                       | Can explain possible malfunctions during powerplant start, procedures to address the malfunction, and any associated limitations                  |
| Powerplant                                          | Conduct Powerplant Start                       | Can describe coordinating and communicating with ground personnel for powerplant start, if applicable                                             |
| Powerplant                                          | Understand Powerplant - turbine wheels         |                                                                                                                                                   |
| Powerplant                                          | Understand Powerplant - turbine wheels         |                                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                            |                                           |
|-----------------------------------------------------|------------------------------------------------------------|-------------------------------------------|
| COURSE 1                                            | TASKS                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Powerplant                                          | Understand Powerplant - turbine wheels                     |                                           |
| Powerplant                                          | Understand Powerplant - turbine wheels                     |                                           |
| Powerplant                                          | Understand Powerplant - compressors                        |                                           |
| Powerplant                                          | Understand Powerplant - compressors                        |                                           |
| Powerplant                                          | Understand Powerplant - compressors                        |                                           |
| Powerplant                                          | Understand Powerplant - compressors                        |                                           |
| Powerplant                                          | Understand Powerplant - deicing, anti-icing                |                                           |
| Powerplant                                          | Understand Powerplant - deicing, anti-icing                |                                           |
| Powerplant                                          | Understand Powerplant - deicing, anti-icing                |                                           |
| Powerplant                                          | Understand Powerplant - deicing, anti-icing                |                                           |
| Powerplant                                          | Understand Powerplant - controls and indications           |                                           |
| Powerplant                                          | Understand Powerplant - controls and indications           |                                           |
| Powerplant                                          | Understand Powerplant - controls and indications           |                                           |
| Powerplant                                          | Understand Powerplant - controls and indications           |                                           |
| Powerplant                                          | Understand Powerplant - oil system capacity and quantities |                                           |
| Powerplant                                          | Understand Powerplant - oil system capacity and quantities |                                           |
| Powerplant                                          | Understand Powerplant - oil system capacity and quantities |                                           |
| Powerplant                                          | Understand Powerplant - oil system capacity and quantities |                                           |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                                   |                                                                                             |
|-----------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                             | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Powerplant                                          | Understand Powerplant - allowable types of oil                                    |                                                                                             |
| Powerplant                                          | Understand Powerplant - allowable types of oil                                    |                                                                                             |
| Powerplant                                          | Understand Powerplant - allowable types of oil                                    |                                                                                             |
| Powerplant                                          | Understand Powerplant - allowable types of oil                                    |                                                                                             |
| Powerplant                                          | Conduct Pushback                                                                  |                                                                                             |
| Preflight                                           | Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can explain which items must be inspected per the OEM Manuals using pictorial preflight     |
| Preflight                                           | Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can explain the reasons for checking each item during preflight                             |
| Preflight                                           | Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can describe how to detect possible defects                                                 |
| Preflight                                           | Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can explain how to coordinate checklist with crew, if appropriate                           |
| Preflight                                           | Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                                                                             |
| Preflight                                           | Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                                                                             |
| Propellers                                          | Understand Propellers - type                                                      | Can describe the operation of the airplane systems and components using correct terminology |
| Propellers                                          | Understand Propellers - type                                                      | Can explain system or component limitations                                                 |
| Propellers                                          | Understand Propellers - type                                                      | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                 |                                                                                                                                                   |
|-----------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                           | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Propellers                                          | Understand Propellers - type                    | Can explain immediate action items or memory items, if appropriate                                                                                |
| Propellers                                          | Understand Propellers - type                    | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Propellers                                          | Understand Propellers - type                    | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                          | Understand propellers - feathering/unfeathering | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Propellers                                          | Understand propellers - feathering/unfeathering | Can explain system or component limitations                                                                                                       |
| Propellers                                          | Understand propellers - feathering/unfeathering | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Propellers                                          | Understand propellers - feathering/unfeathering | Can explain immediate action items or memory items, if appropriate                                                                                |
| Propellers                                          | Understand propellers - feathering/unfeathering | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Propellers                                          | Understand propellers - feathering/unfeathering | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                          | Understand propellers - feathering/unfeathering |                                                                                                                                                   |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                 |                                                                                                                                                   |
|-----------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                           | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Propellers                                          | Understand propellers - feathering/unfeathering |                                                                                                                                                   |
| Propellers                                          | Understand propellers - feathering/unfeathering |                                                                                                                                                   |
| Propellers                                          | Understand propellers - feathering/unfeathering |                                                                                                                                                   |
| Propellers                                          | Understand propellers - auto-feather            | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Propellers                                          | Understand propellers - auto-feather            | Can explain system or component limitations                                                                                                       |
| Propellers                                          | Understand propellers - auto-feather            | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Propellers                                          | Understand propellers - auto-feather            | Can explain immediate action items or memory items, if appropriate                                                                                |
| Propellers                                          | Understand propellers - auto-feather            | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Propellers                                          | Understand propellers - auto-feather            | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                          | Understand propellers - auto-feather            |                                                                                                                                                   |
| Propellers                                          | Understand propellers - auto-feather            |                                                                                                                                                   |
| Propellers                                          | Understand propellers - auto-feather            |                                                                                                                                                   |
| Propellers                                          | Understand propellers - auto-feather            |                                                                                                                                                   |



| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                 |                                                                                                                                                   |
|-----------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                           | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Propellers                                          | Understand propellers - negative torque sensing | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Propellers                                          | Understand propellers - negative torque sensing | Can explain system or component limitations                                                                                                       |
| Propellers                                          | Understand propellers - negative torque sensing | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Propellers                                          | Understand propellers - negative torque sensing | Can explain immediate action items or memory items, if appropriate                                                                                |
| Propellers                                          | Understand propellers - negative torque sensing | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Propellers                                          | Understand propellers - negative torque sensing | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                          | Understand propellers - negative torque sensing |                                                                                                                                                   |
| Propellers                                          | Understand propellers - negative torque sensing |                                                                                                                                                   |
| Propellers                                          | Understand propellers - negative torque sensing |                                                                                                                                                   |
| Propellers                                          | Understand propellers - negative torque sensing |                                                                                                                                                   |
| Propellers                                          | Understand propellers - synchronizing           | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Propellers                                          | Understand propellers - synchronizing           | Can explain system or component limitations                                                                                                       |

| <b>HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES</b> |                                        |                                                                                                                                                   |
|------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COURSE 1</b>                                            | <b>TASKS</b>                           | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              |
| Propellers                                                 | Understand propellers - synchronizing  | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Propellers                                                 | Understand propellers - synchronizing  | Can explain immediate action items or memory items, if appropriate                                                                                |
| Propellers                                                 | Understand propellers - synchronizing  | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Propellers                                                 | Understand propellers - synchronizing  | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                                 | Understand propellers - synchronizing  |                                                                                                                                                   |
| Propellers                                                 | Understand propellers - synchronizing  |                                                                                                                                                   |
| Propellers                                                 | Understand propellers - synchronizing  |                                                                                                                                                   |
| Propellers                                                 | Understand propellers - synchronizing  |                                                                                                                                                   |
| Propellers                                                 | Understand propellers - synchrophasing | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Propellers                                                 | Understand propellers - synchrophasing | Can explain system or component limitations                                                                                                       |
| Propellers                                                 | Understand propellers - synchrophasing | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Propellers                                                 | Understand propellers - synchrophasing | Can explain immediate action items or memory items, if appropriate                                                                                |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                               |                                                                                                                                                   |
|-----------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Propellers                                          | Understand propellers - synchrophasing                        | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Propellers                                          | Understand propellers - synchrophasing                        | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                          | Understand propellers - synchrophasing                        |                                                                                                                                                   |
| Propellers                                          | Understand propellers - synchrophasing                        |                                                                                                                                                   |
| Propellers                                          | Understand propellers - synchrophasing                        |                                                                                                                                                   |
| Propellers                                          | Understand propellers - synchrophasing                        |                                                                                                                                                   |
| Propellers                                          | Understand propeller - thrust reverse and uncommanded reverse | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Propellers                                          | Understand propeller - thrust reverse and uncommanded reverse | Can explain system or component limitations                                                                                                       |
| Propellers                                          | Understand propeller - thrust reverse and uncommanded reverse | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Propellers                                          | Understand propeller - thrust reverse and uncommanded reverse | Can explain immediate action items or memory items, if appropriate                                                                                |
| Propellers                                          | Understand propeller - thrust reverse and uncommanded reverse | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                               |                                                                                                                                                   |
|-----------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Propellers                                          | Understand propeller - thrust reverse and uncommanded reverse | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                          | Understand propeller - thrust reverse and uncommanded reverse |                                                                                                                                                   |
| Propellers                                          | Understand propeller - thrust reverse and uncommanded reverse |                                                                                                                                                   |
| Propellers                                          | Understand propeller - thrust reverse and uncommanded reverse |                                                                                                                                                   |
| Propellers                                          | Understand propeller - thrust reverse and uncommanded reverse |                                                                                                                                                   |
| Thrust Reverse                                      | Understand Powerplant - thrust reverse                        | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Thrust Reverse                                      | Understand Powerplant - thrust reverse                        | Can explain system or component limitations                                                                                                       |
| Thrust Reverse                                      | Understand Powerplant - thrust reverse                        | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Thrust Reverse                                      | Understand Powerplant - thrust reverse                        | Can explain immediate action items or memory items, if appropriate                                                                                |
| Thrust Reverse                                      | Understand Powerplant - thrust reverse                        | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                           |                                                                                                                                                                                       |
|-----------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                             |
| Thrust Reverse                                      | Understand Powerplant - thrust reverse                                    | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device                                     |
| Thrust Reverse                                      | Understand Powerplant - thrust reverse                                    |                                                                                                                                                                                       |
| Thrust Reverse                                      | Understand Powerplant - thrust reverse                                    |                                                                                                                                                                                       |
| Thrust Reverse                                      | Understand Powerplant - thrust reverse                                    |                                                                                                                                                                                       |
| Thrust Reverse                                      | Understand Powerplant - thrust reverse                                    |                                                                                                                                                                                       |
| Weight and Balance                                  | Understand Avionics and communications - Electronic Flight Bag (EFB)      | Can reference air carrier weight and balance procedures if applicable                                                                                                                 |
| Weight and Balance                                  | Understand determining weight and balance per AFM                         | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                              |
| Weight and Balance                                  | Understand determining weight and balance per AFM                         | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight            |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can define windshear as any rapid change in wind direction or velocity                                                                                                                |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can define severe windshear as a rapid change in wind direction or velocity causing airspeed changes greater than 15 knots or vertical speed changes greater than 500 feet per minute |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                           |                                                                                                             |
|-----------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                   |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can define Increasing Headwind Shear as windshear in which headwind increases, causing an airspeed increase |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can define Decreasing Headwind Shear as windshear in which headwind decreases, causing an airspeed loss     |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can define Increasing Tailwind Shear as windshear in which tailwind increases, causing an airspeed loss     |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can define Decreasing Tailwind Shear as windshear in which tailwind decreases, causing an airspeed increase |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can discuss the characteristics of a microburst                                                             |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can discuss windshear recognition                                                                           |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can discuss windshear pilot technique                                                                       |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can discuss windshear encounter during takeoff after liftoff                                                |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can discuss windshear encounter during takeoff while on the runway                                          |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can discuss windshear encounter on the approach                                                             |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can discuss takeoff precautions                                                                             |

| HS-125 COURSE 1 – GROUND SCHOOL LEARNING OBJECTIVES |                                                                           |                                                                             |
|-----------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| COURSE 1                                            | TASKS                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                   |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can discuss approach precautions                                            |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can discuss general windshear recovery technique                            |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can discuss windshear recovery technique after liftoff/on approach          |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can discuss windshear recovery technique during takeoff/on runway           |
| Windshear                                           | Understand recognizing and escaping severe weather situations (windshear) | Can discuss why other techniques of recovery reduce the chances of survival |

### 3 Systems Integration Training Learning Objectives – Course 1

#### 3.1 Course 1 – SIT 1 Learning Objectives

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                           |                                 |                                                                                                                                                                                                 |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                    | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can manage the risk of errors when assigned an RNAV DP and subsequently receives a change of runway, procedure or transition by verifying the appropriate changes are entered and available for | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                                            |                                 |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                  | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
|                                                        |                                                                            |                                 | navigation prior to takeoff. |                         |
| Conduct Before Takeoff Checks                          | Can explain the purpose of checking each item during before takeoff checks |                                 |                              | Low                     |
| Conduct Before Takeoff Checks                          | Can describe how to detect malfunctions                                    |                                 |                              | Low                     |
| Conduct Before Takeoff Checks                          | Can ensure the aircraft is in safe operating condition                     |                                 |                              | Low                     |
| Conduct Before Takeoff Checks                          | Can explain deicing and anti icing procedures                              |                                 |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                                                                                              |                                 |                              |                         |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                    | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          | Can explain hold over times by referencing to a hold over chart                                                              |                                 |                              | Low                     |
| Conduct Before Takeoff Checks                          | Can describe how to conduct a proper pre-takeoff contamination check                                                         |                                 |                              | Low                     |
| Conduct Before Takeoff Checks                          | Can describe how adverse weather conditions effect takeoff performance (e.g., snow, ice, gusting crosswinds, low-visibility) |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                           |                                                                                                       |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          | Can give a before takeoff briefing        |                                                                                                       |                              | Low                     |
| Conduct Before Takeoff Checks                          |                                           | Can determine the airplane's takeoff performance for actual conditions and planned departure runway   |                              | Low                     |
| Conduct Before Takeoff Checks                          |                                           | Can coordinate with crew and execute the appropriate checklist(s) prior to takeoff in a timely manner |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                                                                                                                               |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can confirm all<br>systems checked<br>are within an<br>acceptable<br>operating range<br>and are safe for the<br>proposed flight               |                                    | Low                           |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can explain any<br>system operating<br>characteristic or<br>limitation and any<br>corrective action<br>for a malfunction<br>during the checks |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                                                                                                                            |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can determine<br>airspeeds/V-speeds<br>and set flight<br>instruments<br>appropriately                                                      |                                    | Low                           |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can use flight<br>director and<br>autopilot controls<br>for the current<br>flight conditions<br>and takeoff and<br>departure<br>clearances |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                                                                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can perform<br>configuration of<br>navigation<br>equipment for<br>takeoff and<br>departure<br>clearances |                                    | Low                           |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can configure<br>communication<br>equipment for<br>takeoff and<br>departure<br>clearances                |                                    | Low                           |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can obtain and<br>correctly interpret<br>the takeoff and<br>departure clearance                          |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                                                                                                                                                                                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can conduct a briefing that includes procedures for emergency and abnormal situations (e.g., powerplant failure, windshear), which may be encountered during takeoff, and state the planned action if they were to occur |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                           |                                 |                                                                                                                   |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                      | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can identify, assess, and manage risks, encompassing division of attention while conducting before takeoff checks | Low                     |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can identify, assess, and manage risks, encompassing an unexpected change in the runway to be used for departure  | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                       |                                                                                                                                                                                                                                 |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    |                                       | Can identify,<br>assess, and manage<br>risks,<br>encompassing<br>failure to verify<br>performance data is<br>correct and<br>airspeeds and flight<br>instruments are set<br>for actual<br>conditions and the<br>departure runway | Low                           |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                           |                                 |                                                                                                                                |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                   | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to set navigation and communication equipment for departure       | Low                     |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to configure autopilot and flight director controls for departure | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                       |                                                                                                                                                                                                              |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    |                                       | Can identify,<br>assess, and manage<br>risks,<br>encompassing<br>failure to account<br>for adverse weather<br>conditions prior to<br>takeoff (e.g., snow,<br>ice, gusting<br>crosswinds, low-<br>visibility) | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                       |                                                                                                                                                                                                                                                                                                                            |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    |                                       | Can identify,<br>assess, and manage<br>risks,<br>encompassing A<br>powerplant failure<br>during takeoff or<br>other malfunction<br>considering<br>operational factors<br>such as airplane<br>characteristics,<br>runway/takeoff<br>path length, surface<br>conditions,<br>environmental<br>conditions, and<br>obstructions | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1                            |                                                                                         |                                 |                                                                                       |                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                             | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                               | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                          | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                                                     |                                                                                         |                                 | Can identify, assess, and manage risks, encompassing failure to complete checklist(s) | Low                     |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can explain which items must be inspected per the OEM Manuals using pictorial preflight |                                 |                                                                                       | Low                     |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can explain the reasons for checking each item during preflight                         |                                 |                                                                                       | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1                            |                                                                   |                                 |                              |                         |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                             | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can describe how to detect possible defects                       |                                 |                              | Low                     |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can explain how to coordinate checklist with crew, if appropriate |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1                            |                                                                             |                                 |                                                                                                       |                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                             | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                   | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                          | TASK EXPECTATION RATING |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                                                             |                                 | Can identify, assess, and manage risks encompassing Inoperative equipment discovered prior to flight. | Low                     |
| Conduct Powerplant Start                                                          | Can describe normal powerplant start procedures and limitations without APU |                                 |                                                                                                       | Low                     |
| Conduct Powerplant Start                                                          | Can describe normal powerplant start procedures and limitations with APU    |                                 |                                                                                                       | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                                               |                                 |                              |                         |
|--------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                     | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Powerplant Start                               | Can describe abnormal powerplant start procedures and limitations without APU |                                 |                              | Low                     |
| Conduct Powerplant Start                               | Can describe abnormal powerplant start procedures and limitations with APU    |                                 |                              | Low                     |
| Conduct Powerplant Start                               | Can explain procedures for starting engines under various conditions          |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                                                                                                  |                                 |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Powerplant Start                               | Can explain possible malfunctions during powerplant start, procedures to address the malfunction, and any associated limitations |                                 |                              | Low                     |
| Conduct Powerplant Start                               | Can describe coordinating and communicating with ground personnel for powerplant start, if applicable                            |                                 |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                                                                                            |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                            |                                                    | Can ensure the ground safety procedures are followed during the before-start, start, and after-start phase |                                    | Low                           |
| Conduct<br>Powerplant Start                            |                                                    | Can coordinate with crew and complete the appropriate checklist(s) prior to and after powerplant start.    |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                       |                                                                                                         |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                            |                                                    |                                       | Can identify,<br>assess, and manage<br>risks encompassing<br>malfunctions<br>during powerplant<br>start | Low                           |
| Conduct<br>Powerplant Start                            |                                                    |                                       | Can identify,<br>assess, and manage<br>risks encompassing<br>turbine powerplant<br>safety               | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                       |                                                                                                                                                                  |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                            |                                                    |                                       | Can identify,<br>assess, and manage<br>risks encompassing<br>managing<br>situations where<br>specific<br>instructions or<br>checklist items are<br>not published | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                       |                                                                                                                                                                                             |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                            |                                                    |                                       | Can identify,<br>assess, and manage<br>risks encompassing<br>personnel, vehicles,<br>vessels, foreign<br>object debris, and<br>other aircraft in the<br>vicinity during<br>powerplant start | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                                                                                                                                                           |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>AFTER START<br>CHECKS  |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the proper<br>use of the airplane<br>system, subsystem<br>or device |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1    |                                                    |                                                                                                                                                                           |                                    |                               |
|-----------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                     | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>BEFORE<br>START<br>CHECKS |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the proper<br>use of the airplane<br>system, subsystem<br>or device |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1       |                                                    |                                                                                                                                                                           |                                    |                               |
|--------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                        | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>BEFORE<br>TAKE-OFF<br>CHECKS |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the proper<br>use of the airplane<br>system, subsystem<br>or device |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                                                                                                                                                           |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>EXTERNAL<br>CHECKS     |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the proper<br>use of the airplane<br>system, subsystem<br>or device |                                    | Low                           |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1          |                                                    |                                                                                                                                                                           |                                    |                               |
|-----------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                           | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>GROUND<br>HANDLING<br>CHECKLIST |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the proper<br>use of the airplane<br>system, subsystem<br>or device |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                                                                                                                                                           |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>START<br>CHECKS        |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the proper<br>use of the airplane<br>system, subsystem<br>or device |                                    | Low                           |
| Conduct use of<br>FMS                                  |                                                    | Can verify<br>currency of aircraft<br>navigation data.                                                                                                                    |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                           |                                                                              |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of FMS                                     |                                           | Can verify successful completion of RNAV system self-tests                   |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can execute initialization of RNAV system position                           |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can execute retrieval and flying of a DP or STAR with appropriate transition |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can verify waypoints and flight plan programming                             |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                       |                                                                                                                                                                                                                                  |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>FMS                                  |                                                    |                                       | Can manage the risk of errors when receiving a change to assigned routing by ensuring the waypoints sequence depicted by their navigation system matches the route depicted on the appropriate chart(s) and their assigned route | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                                                                                               |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of TCAS                                    |                                                    | Can demonstrate the proper use of controls including aircraft configuration required to initiate a self-test. |                                    | Low                           |
| Conduct use of TCAS                                    |                                                    | Can demonstrate the proper use of controls including steps required to initiate a self-test.                  |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 1 |                                                    |                                                                                                                                                                                                                                                       |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of TCAS                                    |                                                    | Can demonstrate the proper use of controls including recognizing when the self-test was successful and when it was unsuccessful. When the self-test is unsuccessful, recognizing the reason for the failure, and if possible, correcting the problem. |                                    | Low                           |

### 3.2 Course 1 – SIT 2 Learning Objectives

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                     |                                                                                                              |                                                                                                 |                         |
|--------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                           | MOTOR SKILL LEARNING OBJECTIVES                                                                              | ATTITUDE LEARNING OBJECTIVES                                                                    | TASK EXPECTATION RATING |
| Conduct after landing, parking and securing            | Can explain parking, shutdown, securing, and postflight inspection. |                                                                                                              |                                                                                                 | Low                     |
| Conduct after landing, parking and securing            |                                                                     | Can coordinate with crew, if applicable, and execute the appropriate checklist(s) after clearing the runway. |                                                                                                 | Low                     |
| Conduct after landing, parking and securing            |                                                                     |                                                                                                              | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                        |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                           | TASK EXPECTATION RATING |
| Conduct after landing, parking and securing            |                                           |                                 | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions. | Low                     |
| Conduct after landing, parking and securing            |                                           |                                 | Can identify, assess, and manage risks, encompassing propeller, turbofan inlet, and exhaust safety.                    | Low                     |
| Conduct after landing, parking and securing            |                                           |                                 | Can identify, assess, and manage risks, encompassing airport specific security procedures.                             | Low                     |
| Conduct after landing, parking and securing            |                                           |                                 | Can identify, assess, and manage risks, encompassing disembarking passengers.                                          | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                                |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                             |                                           |                                 | Can manage the risk of errors when assigned a STAR and subsequently receives a change of landing runway, procedure or transition by verifying the appropriate changes are entered and available for navigation | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                      |                                 |                              |                         |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                            | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                             | Can use standard Terminal Arrival (STAR) charts, U.S. Terminal Procedures Publications, and IFR Enroute High and Low Altitude Charts |                                 |                              | Low                     |
| Conduct Arrival Procedures                             | Can use a Flight Management System (FMS) or GPS to follow a STAR                                                                     |                                 |                              | Low                     |
| Conduct Arrival Procedures                             | Can explain two-way radio communication failure procedures during an arrival                                                         |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                   |                                 |                              |                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                             | Can explain ground-based and satellite-based navigation (orientation, course determination, equipment, tests and regulations, interference, appropriate use of navigation data, signal integrity) |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                        |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                             |                                           | Can select, identify and use the appropriate communication and navigation facilities associated with the arrival       |                              | Low                     |
| Conduct Arrival Procedures                             |                                           | Can perform setup of FMS and avionics to include flight director and autopilot controls for the arrival, if applicable |                              | Low                     |
| Conduct Arrival Procedures                             |                                           | Can use current and appropriate navigation publications or databases for the proposed flight                           |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                             |                                                                                                                       |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                             | ATTITUDE LEARNING OBJECTIVES                                                                                          | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                             |                                           | Can perform interception of courses, radials, and bearings appropriate to the procedure, route or clearance |                                                                                                                       | Low                     |
| Conduct Arrival Procedures                             |                                           | Can comply with all applicable charted procedures                                                           |                                                                                                                       | Low                     |
| Conduct Arrival Procedures                             |                                           |                                                                                                             | Can identify, assess, and manage risks, encompassing failure to communicate with ATC or follow published procedures.  | Low                     |
| Conduct Arrival Procedures                             |                                           |                                                                                                             | Can identify, assess, and manage risks, encompassing failure to recognize limitations of traffic avoidance equipment. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                             |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                             |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to use see and avoid techniques when possible. | Low                     |
| Conduct Arrival Procedures                             |                                           |                                 | Can identify, assess, and manage risks, encompassing improper automation management.                        | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                     |                                 |                                                                                                                                                                                 |                         |
|--------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                    | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                             |                                                                                     |                                 | Can identify, assess, and manage risks, encompassing ATC instructions that modify an arrival or discontinue/resume the aircraft's lateral or vertical navigation on an arrival. | Low                     |
| Conduct Arrival Procedures                             | Can explain reasons other than visibility that a go around may suddenly be required |                                 |                                                                                                                                                                                 | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                              |                                 |                              |                         |
|--------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                    | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                             | Can explain the characteristics of a pilot braking action report             |                                 |                              | Low                     |
| Conduct Arrival Procedures                             | Can explain items to consider when a pilot braking action report is reliable |                                 |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                                              |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can manage the risk of errors when assigned an RNAV DP and subsequently receives a change of runway, procedure or transition by verifying the appropriate changes are entered and available for navigation prior to takeoff. | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                            |                                 |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                  | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          | Can explain the purpose of checking each item during before takeoff checks |                                 |                              | Medium                  |
| Conduct Before Takeoff Checks                          | Can describe how to detect malfunctions                                    |                                 |                              | Medium                  |
| Conduct Before Takeoff Checks                          | Can ensure the aircraft is in safe operating condition                     |                                 |                              | Medium                  |
| Conduct Before Takeoff Checks                          | Can explain deicing and anti icing procedures                              |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                              |                                 |                              |                         |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                    | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          | Can explain hold over times by referencing to a hold over chart                                                              |                                 |                              | Medium                  |
| Conduct Before Takeoff Checks                          | Can describe how to conduct a proper pre-takeoff contamination check                                                         |                                 |                              | Medium                  |
| Conduct Before Takeoff Checks                          | Can describe how adverse weather conditions effect takeoff performance (e.g., snow, ice, gusting crosswinds, low-visibility) |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                       |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          | Can give a before takeoff briefing        |                                                                                                       |                              | Medium                  |
| Conduct Before Takeoff Checks                          |                                           | Can determine the airplane's takeoff performance for actual conditions and planned departure runway   |                              | Medium                  |
| Conduct Before Takeoff Checks                          |                                           | Can coordinate with crew and execute the appropriate checklist(s) prior to takeoff in a timely manner |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                             |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           | Can confirm all systems checked are within an acceptable operating range and are safe for the proposed flight               |                              | Medium                  |
| Conduct Before Takeoff Checks                          |                                           | Can explain any system operating characteristic or limitation and any corrective action for a malfunction during the checks |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                       |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           | Can determine airspeeds/V-speeds and set flight instruments appropriately                                             |                              | Medium                  |
| Conduct Before Takeoff Checks                          |                                           | Can use flight director and autopilot controls for the current flight conditions and takeoff and departure clearances |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                        |                              |                         |
|--------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           | Can perform configuration of navigation equipment for takeoff and departure clearances |                              | Medium                  |
| Conduct Before Takeoff Checks                          |                                           | Can configure communication equipment for takeoff and departure clearances             |                              | Medium                  |
| Conduct Before Takeoff Checks                          |                                           | Can obtain and correctly interpret the takeoff and departure clearance                 |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                                                                                          |                              |                         |
|--------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           | Can conduct a briefing that includes procedures for emergency and abnormal situations (e.g., powerplant failure, windshear), which may be encountered during takeoff, and state the planned action if they were to occur |                              | Medium                  |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                   |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                      | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can identify, assess, and manage risks, encompassing division of attention while conducting before takeoff checks | Medium                  |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can identify, assess, and manage risks, encompassing an unexpected change in the runway to be used for departure  | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to verify performance data is correct and airspeeds and flight instruments are set for actual conditions and the departure runway | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                   | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to set navigation and communication equipment for departure       | Medium                  |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to configure autopilot and flight director controls for departure | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                               |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to account for adverse weather conditions prior to takeoff (e.g., snow, ice, gusting crosswinds, low-visibility) | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                                                                                            |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                               | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can identify, assess, and manage risks, encompassing A powerplant failure during takeoff or other malfunction considering operational factors such as airplane characteristics, runway/takeoff path length, surface conditions, environmental conditions, and obstructions | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                       |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                          | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                          |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to complete checklist(s) | Medium                  |
| Conduct Departure Procedures                           | Can explain takeoff minimums              |                                 |                                                                                       | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                        |                                 |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                              | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                           | Can explain obstacle Departure Procedure (ODP), including Visual Climb over the Airport (VCOA) and Diverse Vector Area (Radar Vectors) |                                 |                              | Low                     |
| Conduct Departure Procedures                           | Can explain Standard Instrument Departures (SID), including RNAV departure                                                             |                                 |                              | Low                     |
| Conduct Departure Procedures                           | Can explain required climb gradients                                                                                                   |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                               |                                 |                              |                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                     | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                           | Can explain U.S. Terminal Procedures Publications and En Route Charts                                         |                                 |                              | Low                     |
| Conduct Departure Procedures                           | Can explain proper use of a Flight Management System (FMS) to follow a DP                                     |                                 |                              | Low                     |
| Conduct Departure Procedures                           | Can explain pilot/controller responsibilities, communication procedures, and ATC services available to pilots |                                 |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                          |                                 |                              |                         |
|--------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                           | Can explain two-way radio communication failure procedures after takeoff |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                   |                                 |                              |                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                           | Can explain ground-based and satellite-based navigation (orientation, course determination, equipment, tests and regulations, interference, appropriate use of navigation data, signal integrity) |                                 |                              | Low                     |
| Conduct Departure Procedures                           | Can explain communication failure procedures                                                                                                                                                      |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                     |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                     | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                           |                                           | Can select the appropriate instrument departure procedure.                                          |                              | Low                     |
| Conduct Departure Procedures                           |                                           | Can select, identify and use the appropriate communication facilities associated with the procedure |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                           |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                           |                                           | Can select, identify and use the appropriate navigation facilities associated with the procedure                                          |                              | Low                     |
| Conduct Departure Procedures                           |                                           | Can perform programming the FMS prior to departure and execute avionics setup of flight director and autopilot controls for the departure |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                             |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                           |                                           | Can use current and appropriate navigation publications or databases for the proposed flight                |                              | Low                     |
| Conduct Departure Procedures                           |                                           | Can perform interception of courses, radials, and bearings appropriate to the procedure, route or clearance |                              | Low                     |
| Conduct Departure Procedures                           |                                           | Can comply with all applicable charted procedures                                                           |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                         |                                                                                                                                                  |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                         | ATTITUDE LEARNING OBJECTIVES                                                                                                                     | TASK EXPECTATION RATING |
| Conduct Departure Procedures                           |                                           | Can execute the departure phase to a point where the transition to the en route environment is complete |                                                                                                                                                  | Low                     |
| Conduct Departure Procedures                           |                                           |                                                                                                         | Can identify, assess, and manage risks, encompassing failure to communicate with ATC or follow published procedures and required climb gradients | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                         |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                            | TASK EXPECTATION RATING |
| Conduct Departure Procedures                           |                                           |                                 | Can identify, assess, and manage risks, encompassing limitations of air traffic avoidance equipment and use of see and avoid techniques | Low                     |
| Conduct Departure Procedures                           |                                           |                                 | Can identify, assess, and manage risks, encompassing improper automation management                                                     | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                   |                                 |                              |                         |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Go-Around/Rejected Landing                     | Can explain stabilized approach, to include energy management concepts.                                                                                           |                                 |                              | Low                     |
| Conduct Go-Around/Rejected Landing                     | Can explain situations and considerations on approach that could require a go-around/rejected landing, to include the inability to comply with a LAHSO clearance. |                                 |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                             |                                                                             |                              |                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                   | MOTOR SKILL LEARNING OBJECTIVES                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Go-Around/Rejected Landing                     | Can explain Go-around/rejected landing procedures, the importance of a timely decision, and appropriate airspeed/V-speeds for the maneuver. |                                                                             |                              | Low                     |
| Conduct Go-Around/Rejected Landing                     |                                                                                                                                             | Can execute the appropriate procedures and checklist(s) in a timely manner. |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                        |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                           | TASK EXPECTATION RATING |
| Conduct Go-Around/Rejected Landing                     |                                           |                                 | Can identify, assess, and manage risks, encompassing delayed recognition of the need for a go-around/rejected landing. | Low                     |
| Conduct Go-Around/Rejected Landing                     |                                           |                                 | Can identify, assess, and manage risks, encompassing delayed performance of a go-around at low altitude.               | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                       |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                          | TASK EXPECTATION RATING |
| Conduct Go-Around/Rejected Landing                     |                                           |                                 | Can identify, assess, and manage risks, encompassing improper application of power.   | Low                     |
| Conduct Go-Around/Rejected Landing                     |                                           |                                 | Can identify, assess, and manage risks, encompassing improper airplane configuration. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                 |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                    | TASK EXPECTATION RATING |
| Conduct Go-Around/Rejected Landing                     |                                           |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires vessels, vessels, persons, and wildlife. | Low                     |
| Conduct Go-Around/Rejected Landing                     |                                           |                                 | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                   | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                   | TASK EXPECTATION RATING |
| Conduct Go-Around/Rejected Landing                     |                                           |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                               |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                  | TASK EXPECTATION RATING |
| Conduct Go-Around/Rejected Landing                     |                                           |                                 | Can identify, assess, and manage risks, encompassing managing a go-around/rejected landing after accepting a LAHSO clearance. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                                                                                                                |                                 |                              |                         |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                      | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Go-Around/Rejected Landing                     | Can describe Proper airborne system use for go-around, including consideration of height loss during transition to a go-around, performance assurance for obstacle clearance, management of any necessary mode changes, and assurance of appropriate vertical and lateral flightpath tracking. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                                  |                                 |                              |                         |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Holding                                        | Can explain elements related to holding procedures, including reporting criteria, appropriate speeds, and recommended entry procedures for standard, nonstandard, published, and non-published holding patterns. |                                 |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                                           |                                 |                              |                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                 | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Holding                                        | Can explain determining holding endurance based upon factors to include an expect further clearance (EFC) time, fuel on board, fuel flow while holding, fuel required to destination and alternate, etc., as appropriate. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                            |                                                                            |                              |                         |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                  | MOTOR SKILL LEARNING OBJECTIVES                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Holding                                        | Can explain when to declare minimum fuel or a fuel-related emergency.                                      |                                                                            |                              | Low                     |
| Conduct Holding                                        | Can explain use of automation for holding to include autopilot and flight management systems, if equipped. |                                                                            |                              | Low                     |
| Conduct Holding                                        |                                                                                                            | Can identify instrument navigation aids associated with the assigned hold. |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                    |                              |                         |
|--------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                    | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Holding                                        |                                           | Can apply the appropriate entry procedure for a standard, nonstandard, published, or non- published holding pattern.                               |                              | Low                     |
| Conduct Holding                                        |                                           | Can change to the appropriate holding airspeed for the airplane and holding altitude to cross the holding fix at or below maximum holding airspeed |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                            |                              |                         |
|--------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Holding                                        |                                           | Can comply with the holding pattern leg length and other restrictions, if applicable, associated with the holding pattern. |                              | Low                     |
| Conduct Holding                                        |                                           | Can comply with ATC reporting requirements.                                                                                |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                               |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                               | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Holding                                        |                                           | Can use automation to include autopilot, flight director controls, and navigation displays associated with the assigned hold. |                              | Low                     |
| Conduct Holding                                        |                                           | Can calculate fuel reserve calculations based on EFC times.                                                                   |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                         |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                            | TASK EXPECTATION RATING |
| Conduct Holding                                        |                                           |                                 | Can identify, assess, and manage risks, encompassing recalculating fuel reserves if assigned an unanticipated EFC time. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                         |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                            | TASK EXPECTATION RATING |
| Conduct Holding                                        |                                           |                                 | Can identify, assess, and manage risks, encompassing scenarios and circumstances that could result in minimum fuel or the need to declare an emergency. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                         |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                            | TASK EXPECTATION RATING |
| Conduct Holding                                        |                                           |                                 | Can describe scenarios that could lead to holding, including deteriorating weather at the planned destination.          | Low                     |
| Conduct Holding                                        |                                           |                                 | Can identify, assess, and manage risks, encompassing improper holding entry and improper wind correction while holding. | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                         |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                            | TASK EXPECTATION RATING |
| Conduct Holding                                        |                                           |                                 | Can identify, assess, and manage risks, encompassing holding while in icing conditions. | Low                     |
| Conduct Holding                                        |                                           |                                 | Can identify, assess, and manage risks, encompassing improper automation management.    | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                       |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                             |                                           | Can coordinate with crew and execute the appropriate checklist(s) prior to takeoff in a timely manner |                              | Low                     |
| Conduct Instrument Takeoff                             |                                           | Can execute setting of the applicable avionics and flight instruments prior to initiating the takeoff |                              | Low                     |
| Conduct Instrument Takeoff                             |                                           | Can verify assigned/correct runway                                                                    |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                       |                                                                                                                                                                                      |                         |
|--------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                       | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                             |                                           | Can execute appropriate after-takeoff checklist(s) in a timely manner |                                                                                                                                                                                      | Low                     |
| Conduct Instrument Takeoff                             |                                           |                                                                       | Can identify, assess, and manage risks, encompassing selection of a runway based on aircraft performance and limitations, available distance, surface conditions, lighting, and wind | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                    |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                       | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                             |                                           |                                 | Can identify, assess, and manage risks, encompassing wake turbulence                                               | Low                     |
| Conduct Instrument Takeoff                             |                                           |                                 | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for rejected takeoff | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                                                               |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                             |                                           |                                 | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for Engine failure in takeoff phase of flight with the ceiling or visibility below the minimums for an instrument approach at departure airport | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                                                             |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                             |                                           |                                 | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for Engine failure in climb phase of flight with the ceiling or visibility below the minimums for an instrument approach at departure airport | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                               |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                             |                                           |                                 | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                           |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                              | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                             |                                           |                                 | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for low altitude maneuvering including stall, spin, or CFIT | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                             |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                             |                                           |                                 | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for distractions, loss of situational awareness, or improper task management. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                 |                              |                         |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                             | Can describe procedures during takeoff to address the transition from visual flight to instrument flight for both the pilot flying (PF) and pilot monitoring (PM), to include the use and limitations of any flight guidance or visual systems in use. Pilots should be aware of the operator's policy for responding to loss of suitable visual reference during takeoff, in the low and high speed regimes, both before and after V1 (refer to AC 120-62 for additional information and recommendations for training). |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                             |                                           |                                 | Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                            |                                                                                         |                                 |                              |                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                             | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                               | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can explain which items must be inspected per the OEM Manuals using pictorial preflight |                                 |                              | Medium                  |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can explain the reasons for checking each item during preflight                         |                                 |                              | Medium                  |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can describe how to detect possible defects                                             |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                            |                                                                   |                                 |                                                                                                       |                         |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                             | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                          | TASK EXPECTATION RATING |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can explain how to coordinate checklist with crew, if appropriate |                                 |                                                                                                       | Medium                  |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                                                   |                                 | Can identify, assess, and manage risks encompassing Inoperative equipment discovered prior to flight. | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                             |                                 |                              |                         |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                   | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              | Can explain elements related to the pilot's responsibilities, and the environmental, operational, and meteorological factors that affect landing from a precision approach. |                                 |                              | Low                     |
| Conduct Landing From a Precision Approach              | Can explain approach lighting systems and runway and taxiway signs, markings and lighting.                                                                                  |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                             |                                                                                                                                                                                                       |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES             | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              |                                           | Can demonstrate SRM or CRM, as appropriate. |                                                                                                                                                                                                       | Low                     |
| Conduct Landing From a Precision Approach              |                                           |                                             | Can identify, assess, and manage risks, encompassing selection of an approach procedure and runway based on pilot capability, aircraft limitations, available distance, surface conditions, and wind. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                   |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                      | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              |                                           |                                 | Can identify, assess, and manage risks, encompassing wake turbulence.             | Low                     |
| Conduct Landing From a Precision Approach              |                                           |                                 | Can identify, assess, and manage risks, encompassing planning for missed approach | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                          |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                             | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              |                                           |                                 | Can identify, assess, and manage risks, encompassing planning for land and hold short operations (LAHSO) | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              |                                           |                                 | Can identify, assess, and manage risks, encompassing planning for collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                            |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                               | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              |                                           |                                 | Can identify, assess, and manage risks, encompassing planning for low altitude maneuvering including stall, spin, or CFIT. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                             |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              |                                           |                                 | Can identify, assess, and manage risks, encompassing planning for distractions, loss of situational awareness, or improper task management. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                 |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                    | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              |                                           |                                 | Can identify, assess, and manage risks, encompassing planning for attempting to land from an unstable approach. | Low                     |
| Conduct Landing From a Precision Approach              |                                           |                                 | Can identify, assess, and manage risks, encompassing planning for flying below the glidepath.                   | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                   |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                      | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              |                                           |                                 | Can identify, assess, and manage risks, encompassing planning for transitioning from instrument to visual references for landing. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              |                                           |                                 | Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                             |                                 |                              |                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                   | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              | Can recognize significant airborne system failures experienced prior to and after reaching the final approach fix (FAF), MDA, DA/DH, or AH. |                                 |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                                                                                                              |                              |                         |
|--------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              |                                           | Can perform proper reaction to significant airborne system failures experienced prior to and after reaching the final approach fix (FAF), MDA, DA/DH, or AH. Expected pilot response to failure after touchdown should be addressed as well. |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                           |                                 |                              |                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                 | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              | Can recognize ground or navigation system faults, failures or abnormalities at any point during the approach and landing. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                                          |                              |                         |
|--------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              |                                           | Can recognize and execute appropriate actions in response to ground or navigation system faults, failures or abnormalities at any point during the approach and landing. |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                                                                                                                               |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach              |                                           |                                 | Can appreciate that pilots should be familiar with the need to report navigation system anomalies or discrepancies, failures of any lighting system (e.g., approach lights, runway lights, touchdown zone (TDZ) lights, centerline lights), or any other discrepancies that could be pertinent to operations. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                 |                                 |                              |                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                       | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach                                | Can explain elements related to missed approach procedures to include reference to standby or backup instruments.               |                                 |                              | Low                     |
| Conduct Missed Approach                                | Can explain limitations associated with standard instrument approaches, including while using an FMS or autopilot, if equipped. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                      |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                      | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach                                |                                           | Can coordinate with crew and execute the appropriate procedures and checklist(s) in a timely manner. |                              | Low                     |
| Conduct Missed Approach                                |                                           | Can comply with the published or alternate missed approach procedure.                                |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                           |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach                                |                                           | Can use an MFD and other graphical navigation displays, if installed, to monitor position and track to help navigate the missed approach. |                              | Low                     |
| Conduct Missed Approach                                |                                           | Can demonstrate effective CRM                                                                                                             |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                       |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach                                |                                           | Can execute re-engagement of the autopilot at appropriate times during the missed approach procedure. |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                                                 |                              |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach                                |                                           | Can obtain ATC clearance to attempt another approach, proceed to the alternate airport, holding fix, or other clearance limit, as appropriate, or as directed by the evaluator. |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                 |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                    | TASK EXPECTATION RATING |
| Conduct Missed Approach                                |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to follow prescribed procedures.                   | Low                     |
| Conduct Missed Approach                                |                                           |                                 | Can identify, assess, and manage risks, encompassing holding, diverting, or electing to fly the approach again. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                              |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Missed Approach                                |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                      |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Missed Approach                                |                                           |                                 | Can identify, assess, and manage risks, encompassing factors that might lead to executing a missed approach procedure before the MAP or to a go-around below DA/MDA. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                      |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                         | TASK EXPECTATION RATING |
| Conduct Missed Approach                                |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                 |                                 |                              |                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                       | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain that unstabilized approaches are a key contributor to CFIT events, and explain that present NPAs are designed with and without stepdown fixes in the final approach |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                                                                                                      |                                 |                              |                         |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                            | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain why stepdowns flown without a constant descent will require multiple thrust, pitch, and altitude adjustments inside the final approach fix (FAF), and can explain that these adjustments increase pilot workload and potential errors during a critical phase of flight. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                                                      |                                 |                              |                         |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                            | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain that the practice commonly referred to as “dive and drive,” can result in extended level flight as low as 250 feet above the ground in instrument meteorological conditions (IMC) and shallow or steep final approaches. |                                 |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                                                                                                    |                                 |                              |                         |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                          | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | <p>Can explain that a stabilized approach is a key feature to a safe approach and landing.</p> <p>Can explain that operators are encouraged by the FAA and the International Civil Aviation Organization (ICAO) to use the stabilized approach concept to help eliminate CFIT.</p> |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                               |                                 |                              |                         |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                     | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain that the stabilized approach concept is characterized by maintaining a stable approach speed, descent rate, vertical flightpath, and configuration to the landing touchdown point |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                  |                                 |                              |                         |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain that precision IAPs and approach procedures with vertical guidance (APV) have a continuous descent approach profile in their design. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                   |                                 |                              |                         |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain that NPAs were not originally designed with this vertical path, but may easily be flown using the CDFA (continuous descent final approach) technique. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                            |                                 |                              |                         |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                  | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain why Flying NPAs with a continuous descent profile will provide a safety advantage over flying approaches using the “dive and drive” technique. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                     |                                 |                              |                         |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain that CDFA is a technique for flying the final approach segment of an NPA as a continuous descent. The technique is consistent with stabilized approach procedures and has no level-off. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | <p>Can explain the six advantages of CDFA:</p> <p>Increased safety by employing the concepts of stabilized approach criteria and procedure standardization;</p> <p>Improved pilot situational awareness (SA) and reduced pilot workload;</p> <p>Improved fuel efficiency by minimizing the low-altitude level flight time;</p> <p>Reduced noise level by minimizing the level flight time at high thrust settings;</p> <p>Procedural similarities to APV and precision approach operations;</p> <p>Reduced probability of infringement on required obstacle clearance during</p> |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                              |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
|                                                        | the final approach segment.               |                                 |                              |                         |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                                                                                                                                        |                                 |                              |                         |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                              | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain that CDFA requires no specific aircraft equipment other than that specified by the title of the NPA procedure and that Pilots can safely fly suitable NPAs with CDFA using basic piloting techniques, aircraft flight management systems (FMS) and RNAV systems, or by manually computing rate of descent. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                             |                                 |                              |                         |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                   | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can calculate a rate of descent for VDA (see example in this paragraph)                                                                                     |                                 |                              | Low                     |
| Conduct Nonprecision Approach                          | Can explain that some approach characteristics (e.g., circling-only minima) and environmental factors (e.g., icing) could make the use of CDFA inadvisable. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                      |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          |                                           |                                 | Can appreciate that there are environments in which using CDFA technique is not advisable or practical, for example airports that do not offer straight in non-precision approaches. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                              |                                 |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                    | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain procedures and limitations associated with a nonprecision approach, including the differences between Localizer Performance (LP) and Lateral Navigation (LNAV) approach guidance |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                       |                                 |                              |                         |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain navigation system displays and annunciations, modes of operation, and RNP lateral accuracy values associated with an RNAV (GPS) approach. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                    |                                 |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                          | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain ground-based and satellite-based navigation (orientation, course determination, equipment, tests and regulations, interference, appropriate use of navigation data, signal integrity). |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                        |                                                                                                                                             |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain criteria for a stabilized approach, to include energy management concepts. |                                                                                                                                             |                              | Low                     |
| Conduct Nonprecision Approach                          |                                                                                        | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach. |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                        |                              |                         |
|--------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          |                                           | Can Comply with all clearances issued by ATC .                                                         |                              | Low                     |
| Conduct Nonprecision Approach                          |                                           | Can recognize if any flight instrumentation is inaccurate or inoperative, and take appropriate action. |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                                                          |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          |                                           | Can use a Multi-Function Display (MFD) and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath. |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                           |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                              | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          |                                           |                                 | Can identify, assess, and manage risks, encompassing Failure to follow the correct approach procedure (e.g., descending too early, etc.). | Low                     |
| Conduct Nonprecision Approach                          |                                           |                                 | Can identify, assess, and manage risks, encompassing Selecting an incorrect navigation frequency.                                         | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                      |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                         | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          |                                           |                                 | Can identify, assess, and manage risks, encompassing Failure to manage automated navigation and auto flight systems. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                              |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          |                                           |                                 | Can identify, assess, and manage risks, encompassing Failure to ensure proper airplane configuration during an approach and missed approach. | Low                     |
| Conduct Nonprecision Approach                          |                                           |                                 | Can identify, assess, and manage risks, encompassing An unstable approach, including excessive descent rates.                                | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                    |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                       | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          |                                           |                                 | Can identify, assess, and manage risks, encompassing Deteriorating weather conditions on approach. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          |                                           |                                 | Can identify, assess, and manage risks, encompassing Operating below the minimum descent altitude (MDA) or continuing a descent below decision altitude (DA) without proper visual references. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                     |                                                                   |                              |                         |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                           | MOTOR SKILL LEARNING OBJECTIVES                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind     | Can explain stabilized approach, to include energy management concepts.                             |                                                                   |                              | Low                     |
| Conduct Normal Approach and Landing with Crosswind     | Can explain effects of atmospheric conditions, including wind, on approach and landing performance. |                                                                   |                              | Low                     |
| Conduct Normal Approach and Landing with Crosswind     |                                                                                                     | Can coordinate with crew and execute after landing checklists(s). |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                          |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind     |                                           | Can confirm the airplane is aligned with the correct/assigned runway or landing surface. |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                              |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind     |                                           |                                 | Can identify, assess, and manage risks, encompassing selection of a runway or approach path and touchdown area based aircraft limitations, available distance, surface conditions, and wind. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                 |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                    | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind     |                                           |                                 | Can identify, assess, and manage risks, encompassing wake turbulence.           | Low                     |
| Conduct Normal Approach and Landing with Crosswind     |                                           |                                 | Can identify, assess, and manage risks, encompassing Go-Around/Rejected Landing | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                   |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind     |                                           |                                 | Can identify, assess, and manage risks, encompassing land and Hold Short Operations (LAHSO)                                                                       | Low                     |
| Conduct Normal Approach and Landing with Crosswind     |                                           |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                               |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                  | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind     |                                           |                                 | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind     |                                           |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, incorrect airport surface approach and landing, or improper task management. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                      |                                 |                              |                         |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                            | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind        | Can describe the effects of atmospheric conditions, including wind, on takeoff and climb performance |                                 |                              | Low                     |
| Conduct Normal Takeoff and Climb with Crosswind        | Can describe the appropriate V-speeds for takeoff and climb                                          |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                             |                                                                                                        |                              |                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   | MOTOR SKILL LEARNING OBJECTIVES                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind        | Can describe the appropriate aircraft configuration and power setting for takeoff and climb |                                                                                                        |                              | Low                     |
| Conduct Normal Takeoff and Climb with Crosswind        | Can identify airport and runway markings, signs, and lights                                 |                                                                                                        |                              | Low                     |
| Conduct Normal Takeoff and Climb with Crosswind        |                                                                                             | Can coordinate with crew and complete the appropriate checklist(s) prior to takeoff in a timely manner |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                   |                              |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind        |                                           | Can verify assigned/correct runway                |                              | Low                     |
| Conduct Normal Takeoff and Climb with Crosswind        |                                           | Can verify the airplane is configured for takeoff |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                                                        |                              |                         |
|--------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind        |                                           | Can confirm takeoff power and proper engine and flight instrument indications prior to rotation and perform callouts as appropriate, for the airplane or per the operator's procedures |                              | Low                     |
| Conduct Normal Takeoff and Climb with Crosswind        |                                           | Can execute appropriate after-takeoff checklist(s) in a timely manner                                                                                                                  |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                           |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                              | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind        |                                           |                                 | Can identify, assess, and manage risks, encompassing selection of a runway, or runway intersection aircraft limitations, available distance, surface conditions, and wind | Low                     |
| Conduct Normal Takeoff and Climb with Crosswind        |                                           |                                 | Can identify, assess, and manage risks, encompassing wake turbulence                                                                                                      | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                               |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                  | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind        |                                           |                                 | Can demonstrate proper planning for rejected takeoff                          | Low                     |
| Conduct Normal Takeoff and Climb with Crosswind        |                                           |                                 | Can demonstrate proper planning for engine failure in takeoff phase of flight | Low                     |
| Conduct Normal Takeoff and Climb with Crosswind        |                                           |                                 | Can demonstrate proper planning for engine failure in climb phase of flight   | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                        |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                           | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind        |                                           |                                 | Can identify, assess, and manage risks, encompassing improper aircraft configuration or settings (e.g., trim, flaps, autobrakes, etc.) | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                  |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                     | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind        |                                           |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                             |                                 |                                                                                                                               |                         |
|--------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                   | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                  | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind        |                                                                             |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management | Low                     |
| Conduct Powerplant Start                               | Can describe normal powerplant start procedures and limitations without APU |                                 |                                                                                                                               | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                               |                                 |                              |                         |
|--------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                     | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Powerplant Start                               | Can describe normal powerplant start procedures and limitations with APU      |                                 |                              | Medium                  |
| Conduct Powerplant Start                               | Can describe abnormal powerplant start procedures and limitations without APU |                                 |                              | Medium                  |
| Conduct Powerplant Start                               | Can describe abnormal powerplant start procedures and limitations with APU    |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                  |                                 |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Powerplant Start                               | Can explain procedures for starting engines under various conditions                                                             |                                 |                              | Medium                  |
| Conduct Powerplant Start                               | Can explain possible malfunctions during powerplant start, procedures to address the malfunction, and any associated limitations |                                 |                              | Medium                  |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                       |                                                                                                            |                              |                         |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                             | MOTOR SKILL LEARNING OBJECTIVES                                                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Powerplant Start                               | Can describe coordinating and communicating with ground personnel for powerplant start, if applicable |                                                                                                            |                              | Medium                  |
| Conduct Powerplant Start                               |                                                                                                       | Can ensure the ground safety procedures are followed during the before-start, start, and after-start phase |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                         |                              |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                         | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Powerplant Start                               |                                           | Can coordinate with crew and complete the appropriate checklist(s) prior to and after powerplant start. |                              | Medium                  |
| Conduct Powerplant Start                               |                                           | Can identify an abnormal start or malfunction and execute the correct procedure                         |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                          |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                             | TASK EXPECTATION RATING |
| Conduct Powerplant Start                               |                                           |                                 | Can identify, assess, and manage risks encompassing malfunctions during powerplant start | Medium                  |
| Conduct Powerplant Start                               |                                           |                                 | Can identify, assess, and manage risks encompassing turbine powerplant safety            | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                          |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                             | TASK EXPECTATION RATING |
| Conduct Powerplant Start                               |                                           |                                 | Can identify, assess, and manage risks encompassing managing situations where specific instructions or checklist items are not published | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                     |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                        | TASK EXPECTATION RATING |
| Conduct Powerplant Start                               |                                           |                                 | Can identify, assess, and manage risks encompassing personnel, vehicles, vessels, foreign object debris, and other aircraft in the vicinity during powerplant start | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                        |                                 |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                              | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                             | Can explain procedures and limitations associated with a precision approach, including determining required descent rates and adjusting minimums in the case of inoperative equipment. |                                 |                              | Low                     |
| Conduct Precision Approach                             | Can explain navigation system displays, annunciations, and modes of operation.                                                                                                         |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                    |                                 |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                          | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                             | Can explain ground-based and satellite-based navigation (orientation, course determination, equipment, tests and regulations, interference, appropriate use of navigation data, signal integrity). |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                  |                                                                                                                                             |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                             | Can explain stabilized approach criteria, to include energy management concepts. |                                                                                                                                             |                              | Low                     |
| Conduct Precision Approach                             |                                                                                  | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach. |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                        |                              |                         |
|--------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                             |                                           | Can recognize if any flight instrumentation is inaccurate or inoperative, and take appropriate action. |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                                                                                             |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                             |                                           | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                                  |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                             |                                           | Can use an MFD and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath. |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                      |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Precision Approach                             |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to follow the correct approach procedure (e.g., descending below the glideslope, etc.). | Low                     |
| Conduct Precision Approach                             |                                           |                                 | Can identify, assess, and manage risks, encompassing selecting an incorrect navigation frequency.                                                    | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                      |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                         | TASK EXPECTATION RATING |
| Conduct Precision Approach                             |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                              |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Precision Approach                             |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | Low                     |
| Conduct Precision Approach                             |                                           |                                 | Can identify, assess, and manage risks, encompassing an unstable approach, including excessive descent rates.                                | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                    |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                       | TASK EXPECTATION RATING |
| Conduct Precision Approach                             |                                           |                                 | Can identify, assess, and manage risks, encompassing deteriorating weather conditions on approach. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                       |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Precision Approach                             |                                           |                                 | Can identify, assess, and manage risks, encompassing continuing to descend below the Decision Altitude (DA)/Decision Height (DH) when the required visual references are not visible. | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                                                                                                                                                                                                                       |                                 |                              |                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                             | Can describe normal and non-normal procedures including crew duties, monitoring assignments, transfer of control during normal operations, appropriate automatic or crew-initiated call-outs, proper use of standard or special IAPs, applicable minima for normal configurations or for alternate or failure configurations, and reversion to higher minima in the event of failures |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                                                                                                                                                                                                                                                                  |                              |                         |
|--------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                             |                                           | Can perform appropriate normal and non-normal procedures including crew duties, monitoring assignments, transfer of control during normal operations, appropriate automatic or crew-initiated call-outs, proper use of standard or special IAPs, applicable minima for normal configurations or for alternate or failure configurations, and reversion to higher minima in the event of failures |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                                                                                                                                |                                 |                              |                         |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                      | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                             | Can describe procedures to address the transition from electronic monitoring displays to external visual references for both PF and PM for systems that include such displays. |                                 |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Precision Approach                             |                                           |                                 | Can appreciate constraints for head winds, tail winds, crosswinds, and the effect of vertical and horizontal wind shear on automatic systems, flight directors (F/D), or other system (e.g., HUD, SVGS, etc.) performance. For systems such as HUDs that have a limited field of view (FOV), or synthetic reference systems, pilots should be familiar with the display limitations of these systems and expected pilot actions in the event that the aircraft reaches or exceeds a display limit capability. | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                                                  |                                                                                              |                              |                         |
|--------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                        | MOTOR SKILL LEARNING OBJECTIVES                                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                             |                                                                  | Can apply Flightcrew procedures used (e.g., PF/PM duties, monitored approach, or call-outs); |                              | Low                     |
| Conduct Precision Approach                             | Can identify nearby critical terrain or obstruction environment; |                                                                                              |                              | Low                     |
| Conduct Precision Approach                             |                                                                  | Can respond appropriately to aircraft and ground system failures.                            |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                               |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                               | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can verify currency and integrity of aircraft navigation data |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                                                                       |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can obtain a receiver autonomous integrity monitoring (RAIM) prediction for the planned RNP operation |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                            |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can verify successful completion of RNP system self-tests; |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                       |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can perform initialization navigation system position |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                                                                                                                         |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                         | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can perform retrieval of an RNP procedure (e.g., Standard Instrument Departure (SID) or a Standard Terminal Arrival (STAR) with appropriate transition) |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                                                                                                            |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can execute an RNP procedure (e.g., Standard Instrument Departure (SID) or a Standard Terminal Arrival (STAR) with appropriate transition) |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                                                                                                  |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can select the appropriate STAR or SID for the active runway in use and be familiar with procedures to deal with a runway change |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                   |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can verify waypoints and flight plan programming; |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                                                                                     |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                     | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can perform a manual or automatic runway update (with takeoff point shift for Inertial Reference Units (IRU) only); |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                         |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES         | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can perform flying direct to a waypoint |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                 |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can perform flying a course/track to a waypoint |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                            |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can perform interception of a course/track |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                                                           |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can perform flying vectors, and rejoining an RNP route/procedure from the 'heading' mode; |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                                                 |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can perform selecting/arming the navigation system for an ILS or GLS transition |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                              |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can perform insertion and deletion of a route discontinuity; |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                                   |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can perform removal and reselection of a navigation sensor input; |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                                                                                                                                           |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can confirm exclusion of a specific navigation aid or navigation aid type (distance measuring equipment (DME) and very high frequency omni-directional range (VOR) only); |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                                   |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can perform changing of the arrival airport and alternate airport |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                                                                                                                        |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can verify the RNP value set in the flight management system (FMS) matches the equipment capability and authorizations as annotated in the flight plan |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                                                                                                        |                                           |                                                           |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                           | Can perform parallel offset function if capability exists |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>AFTER LANDING CHECKS      |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>AFTER START CHECKS        |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>AFTER TAKE-OFF CHECKS     |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>APPROACH CHECKS           |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>BEFORE<br>START<br>CHECKS |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2    |                                           |                                                                                                                                                |                              |                         |
|-----------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>BEFORE<br>TAKE-OFF<br>CHECKS |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                   |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                    | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>CABIN<br>ALTITUDE<br>SETTING FOR<br>LANDING |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>CLIMB CHECKS              |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>CRUISE CHECKS             |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>DESCENT CHECKS            |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>EXTERNAL CHECKS           |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>GROUND HANDLING CHECKLIST |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>LANDING CHECKS            |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2                    |                                           |                                                                                                                                                |                              |                         |
|---------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>LEAVING AIRPLANE (TERMINATING FLIGHT) CHECKS |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist: LINE UP CHECKS               |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist:<br>MISSED APPROACH CHECKS    |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist: SHUT DOWN CHECKS             |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of checklist: START CHECKS                 |                                           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                              | Medium                  |
| Conduct use of FMS                                     |                                           | Can verify currency of aircraft navigation data.                                                                                               |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                              |                              |                         |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of FMS                                     |                                           | Can verify successful completion of RNAV system self-tests                   |                              | Medium                  |
| Conduct use of FMS                                     |                                           | Can execute initialization of RNAV system position                           |                              | Medium                  |
| Conduct use of FMS                                     |                                           | Can execute retrieval and flying of a DP or STAR with appropriate transition |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                 |                              |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of FMS                                     |                                           | Can comply with speed and/or altitude constraints associated with a DP or STAR. |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can execute making a runway change associated with a DP or STAR                 |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can verify waypoints and flight plan programming                                |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                           |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of FMS                                     |                                           | Can perform a manual or automatic runway update (with takeoff point shift, if applicable) |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can perform flying direct to a waypoint                                                   |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can perform flying a course/track to a waypoint.                                          |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can perform interception of a course/track                                                |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                   |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of FMS                                     |                                           | Can comply with a vectored off and execute rejoining a procedure. |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can determine cross-track error/deviation                         |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can execute insertion and deletion of a route discontinuity       |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can execute removal and reselection of navigation sensor inputs.  |                              | Low                     |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                            |                              |                         |
|--------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of FMS                                     |                                           | Can confirm exclusion of a specific navigation aid or navigation aid type. |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can execute insertion and deletion of a lateral offset                     |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can execute a change of the arrival airport and alternate airport          |                              | Low                     |
| Conduct use of FMS                                     |                                           | Can execute insertion and delete a holding pattern                         |                              | Low                     |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                 |                                                                                                                                                                                                                                  |                         |
|--------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                     | TASK EXPECTATION RATING |
| Conduct use of FMS                                     |                                           |                                 | Can manage the risk of errors when receiving a change to assigned routing by ensuring the waypoints sequence depicted by their navigation system matches the route depicted on the appropriate chart(s) and their assigned route | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                         |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                         | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of FMS                                     |                                           | Can perform use of the automatic throttle, flight management computer, or other speed management system, if applicable. |                              | Low                     |
| Conduct use of TCAS                                    |                                           | Can demonstrate the proper use of controls including aircraft configuration required to initiate a self-test.           |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                              |                              |                         |
|--------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of TCAS                                    |                                           | Can demonstrate the proper use of controls including steps required to initiate a self-test. |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 2 |                                           |                                                                                                                                                                                                                                                       |                              |                         |
|--------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct use of TCAS                                    |                                           | Can demonstrate the proper use of controls including recognizing when the self-test was successful and when it was unsuccessful. When the self-test is unsuccessful, recognizing the reason for the failure, and if possible, correcting the problem. |                              | Medium                  |

### 3.3 Course 1 – SIT 3 Learning Objectives

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                     |                                                                                                              |                                                                                                                        |                         |
|--------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                           | MOTOR SKILL LEARNING OBJECTIVES                                                                              | ATTITUDE LEARNING OBJECTIVES                                                                                           | TASK EXPECTATION RATING |
| Conduct after landing, parking and securing            | Can explain parking, shutdown, securing, and postflight inspection. |                                                                                                              |                                                                                                                        | Medium                  |
| Conduct after landing, parking and securing            |                                                                     | Can coordinate with crew, if applicable, and execute the appropriate checklist(s) after clearing the runway. |                                                                                                                        | Medium                  |
| Conduct after landing, parking and securing            |                                                                     |                                                                                                              | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions.                        | Medium                  |
| Conduct after landing, parking and securing            |                                                                     |                                                                                                              | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions. | Medium                  |
| Conduct after landing, parking and securing            |                                                                     |                                                                                                              | Can identify, assess, and manage risks, encompassing propeller, turbofan inlet, and exhaust safety.                    | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct after landing, parking and securing            |                                                    |                                          | Can identify, assess, and manage risks, encompassing airport specific security procedures.                                                                                                                     | Medium                        |
| Conduct after landing, parking and securing            |                                                    |                                          | Can identify, assess, and manage risks, encompassing disembarking passengers.                                                                                                                                  | Medium                        |
| Conduct Arrival Procedures                             |                                                    |                                          | Can manage the risk of errors when assigned a STAR and subsequently receives a change of landing runway, procedure or transition by verifying the appropriate changes are entered and available for navigation | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                      |                                          |                                    |                               |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                   | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                             | Can use standard Terminal Arrival (STAR) charts, U.S. Terminal Procedures Publications, and IFR Enroute High and Low Altitude Charts |                                          |                                    | Medium                        |
| Conduct Arrival Procedures                             | Can use a Flight Management System (FMS) or GPS to follow a STAR                                                                     |                                          |                                    | Medium                        |
| Conduct Arrival Procedures                             | Can explain two-way radio communication failure procedures during an arrival                                                         |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                   |                                                                                                                  |                                    |                               |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                             | Can explain ground-based and satellite-based navigation (orientation, course determination, equipment, tests and regulations, interference, appropriate use of navigation data, signal integrity) |                                                                                                                  |                                    | Medium                        |
| Conduct Arrival Procedures                             |                                                                                                                                                                                                   | Can select, identify and use the appropriate communication and navigation facilities associated with the arrival |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                        |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                             |                                                    | Can perform setup of FMS and avionics to include flight director and autopilot controls for the arrival, if applicable |                                    | Medium                        |
| Conduct Arrival Procedures                             |                                                    | Can use current and appropriate navigation publications or databases for the proposed flight                           |                                    | Medium                        |
| Conduct Arrival Procedures                             |                                                    | Can perform interception of courses, radials, and bearings appropriate to the procedure, route or clearance            |                                    | Medium                        |
| Conduct Arrival Procedures                             |                                                    | Can comply with all applicable charted procedures                                                                      |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                       |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                             |                                                    |                                          | Can identify, assess, and manage risks, encompassing failure to communicate with ATC or follow published procedures.  | Medium                        |
| Conduct Arrival Procedures                             |                                                    |                                          | Can identify, assess, and manage risks, encompassing failure to recognize limitations of traffic avoidance equipment. | Medium                        |
| Conduct Arrival Procedures                             |                                                    |                                          | Can identify, assess, and manage risks, encompassing failure to use see and avoid techniques when possible.           | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                 |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                             |                                                    |                                          | Can identify, assess, and manage risks, encompassing improper automation management.                                                                                            | Medium                        |
| Conduct Arrival Procedures                             |                                                    |                                          | Can identify, assess, and manage risks, encompassing ATC instructions that modify an arrival or discontinue/resume the aircraft's lateral or vertical navigation on an arrival. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                     |                                          |                                    |                               |
|--------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                  | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                             | Can explain reasons other than visibility that a go around may suddenly be required |                                          |                                    | Medium                        |
| Conduct Arrival Procedures                             | Can explain the characteristics of a pilot braking action report                    |                                          |                                    | Medium                        |
| Conduct Arrival Procedures                             | Can explain items to consider when a pilot braking action report is reliable        |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                            |                                          |                                                                                                                                                                                                                              |                               |
|--------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                         | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                                            |                                          | Can manage the risk of errors when assigned an RNAV DP and subsequently receives a change of runway, procedure or transition by verifying the appropriate changes are entered and available for navigation prior to takeoff. | Medium                        |
| Conduct Before<br>Takeoff Checks                       | Can explain the purpose of checking each item during before takeoff checks |                                          |                                                                                                                                                                                                                              | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                          |                                          |                                    |                               |
|--------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                       | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       | Can describe how<br>to detect<br>malfunctions                            |                                          |                                    | Medium                        |
| Conduct Before<br>Takeoff Checks                       | Can ensure the<br>aircraft is in safe<br>operating<br>condition          |                                          |                                    | Medium                        |
| Conduct Before<br>Takeoff Checks                       | Can explain<br>deicing and anti-<br>icing procedures                     |                                          |                                    | Medium                        |
| Conduct Before<br>Takeoff Checks                       | Can explain hold<br>over times by<br>referencing to a<br>hold over chart |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                    |                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                 | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       | Can describe how<br>to conduct a<br>proper pre-takeoff<br>contamination<br>check                                                                   |                                          |                                    | Medium                        |
| Conduct Before<br>Takeoff Checks                       | Can describe how<br>adverse weather<br>conditions effect<br>takeoff<br>performance (e.g.,<br>snow, ice, gusting<br>crosswinds, low-<br>visibility) |                                          |                                    | Medium                        |
| Conduct Before<br>Takeoff Checks                       | Can give a before<br>takeoff briefing                                                                                                              |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                         |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can determine<br>the airplane's<br>takeoff<br>performance for<br>actual conditions<br>and planned<br>departure runway   |                                    | Medium                        |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can coordinate<br>with crew and<br>execute the<br>appropriate<br>checklist(s) prior<br>to takeoff in a<br>timely manner |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                  |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can confirm all<br>systems checked<br>are within an<br>acceptable<br>operating range<br>and are safe for<br>the proposed<br>flight               |                                    | Medium                        |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can explain any<br>system operating<br>characteristic or<br>limitation and<br>any corrective<br>action for a<br>malfunction<br>during the checks |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                            |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can determine<br>airspeeds/V-<br>speeds and set<br>flight<br>instruments<br>appropriately                                                  |                                    | Medium                        |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can use flight<br>director and<br>autopilot controls<br>for the current<br>flight conditions<br>and takeoff and<br>departure<br>clearances |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can perform<br>configuration of<br>navigation<br>equipment for<br>takeoff and<br>departure<br>clearances |                                    | Medium                        |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can configure<br>communication<br>equipment for<br>takeoff and<br>departure<br>clearances                |                                    | Medium                        |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can obtain and<br>correctly<br>interpret the<br>takeoff and<br>departure<br>clearance                    |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    | Can conduct a briefing that includes procedures for emergency and abnormal situations (e.g., powerplant failure, windshear), which may be encountered during takeoff, and state the planned action if they were to occur |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                     |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>division of attention<br>while conducting<br>before takeoff<br>checks | Medium                        |
| Conduct Before<br>Takeoff Checks                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing an<br>unexpected change<br>in the runway to be<br>used for departure     | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                              |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to verify<br>performance data is<br>correct and<br>airspeeds and flight<br>instruments are set<br>for actual<br>conditions and the<br>departure runway | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                  |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to set<br>navigation and<br>communication<br>equipment for<br>departure    | Medium                        |
| Conduct Before<br>Takeoff Checks                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to configure<br>autopilot and flight<br>director controls for<br>departure | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                           |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to account<br>for adverse weather<br>conditions prior to<br>takeoff (e.g., snow,<br>ice, gusting<br>crosswinds, low-<br>visibility) | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                                                                                                                         |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing A<br>powerplant failure<br>during takeoff or<br>other malfunction<br>considering<br>operational factors<br>such as airplane<br>characteristics,<br>runway/takeoff path<br>length, surface<br>conditions,<br>environmental<br>conditions, and<br>obstructions | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                   |                                          |                                                                                                   |                               |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                       |                                                                                                                                                                   |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to complete<br>checklist(s) | Medium                        |
| Conduct<br>Departure<br>Procedures                     | Can explain<br>takeoff minimums                                                                                                                                   |                                          |                                                                                                   | Medium                        |
| Conduct<br>Departure<br>Procedures                     | Can explain<br>obstacle<br>Departure<br>Procedure (ODP),<br>including Visual<br>Climb over the<br>Airport (VCOA)<br>and Diverse<br>Vector Area<br>(Radar Vectors) |                                          |                                                                                                   | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                           |                                          |                                    |                               |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                        | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures                     | Can explain<br>Standard<br>Instrument<br>Departures (SID),<br>including RNAV<br>departure |                                          |                                    | Medium                        |
| Conduct<br>Departure<br>Procedures                     | Can explain<br>required climb<br>gradients                                                |                                          |                                    | Medium                        |
| Conduct<br>Departure<br>Procedures                     | Can explain U.S.<br>Terminal<br>Procedures<br>Publications and<br>En Route Charts         |                                          |                                    | Medium                        |
| Conduct<br>Departure<br>Procedures                     | Can explain<br>proper use of a<br>Flight<br>Management<br>System (FMS) to<br>follow a DP  |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                 |                                          |                                    |                               |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                              | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures                     | Can explain<br>pilot/controller<br>responsibilities,<br>communication<br>procedures, and<br>ATC services<br>available to pilots |                                          |                                    | Medium                        |
| Conduct<br>Departure<br>Procedures                     | Can explain two-<br>way radio<br>communication<br>failure procedures<br>after takeoff                                           |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                                       |                                          |                                    |                               |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                    | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures                     | Can explain<br>ground-based and<br>satellite-based<br>navigation<br>(orientation,<br>course<br>determination,<br>equipment, tests<br>and regulations,<br>interference,<br>appropriate use of<br>navigation data,<br>signal integrity) |                                          |                                    | Medium                        |
| Conduct<br>Departure<br>Procedures                     | Can explain<br>communication<br>failure procedures                                                                                                                                                                                    |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                       |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                              | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures                     |                                                    | Can select the<br>appropriate<br>instrument<br>departure<br>procedure.                                                |                                    | Medium                        |
| Conduct<br>Departure<br>Procedures                     |                                                    | Can select,<br>identify and use<br>the appropriate<br>communication<br>facilities<br>associated with<br>the procedure |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                   |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                          | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures                     |                                                    | Can select,<br>identify and use<br>the appropriate<br>navigation<br>facilities<br>associated with<br>the procedure                                                |                                    | Medium                        |
| Conduct<br>Departure<br>Procedures                     |                                                    | Can perform<br>programming the<br>FMS prior to<br>departure and<br>execute avionics<br>setup of flight<br>director and<br>autopilot controls<br>for the departure |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                               |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures                     |                                                    | Can use current<br>and appropriate<br>navigation<br>publications or<br>databases for the<br>proposed flight                   |                                    | Medium                        |
| Conduct<br>Departure<br>Procedures                     |                                                    | Can perform<br>interception of<br>courses, radials,<br>and bearings<br>appropriate to the<br>procedure, route<br>or clearance |                                    | Medium                        |
| Conduct<br>Departure<br>Procedures                     |                                                    | Can comply with<br>all applicable<br>charted<br>procedures                                                                    |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                           |                                                                                                                                                                             |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures                     |                                                    | Can execute the<br>departure phase<br>to a point where<br>the transition to<br>the en route<br>environment is<br>complete |                                                                                                                                                                             | Medium                        |
| Conduct<br>Departure<br>Procedures                     |                                                    |                                                                                                                           | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to<br>communicate with<br>ATC or follow<br>published<br>procedures and<br>required climb<br>gradients | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                              |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures                     |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>limitations of air<br>traffic avoidance<br>equipment and use<br>of see and avoid<br>techniques | Medium                        |
| Conduct<br>Departure<br>Procedures                     |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>improper<br>automation<br>management                                                           | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                |                                                                                                                                                                                  |                                          |                                    |                               |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                 | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                               | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment | Can explain the<br>procedures used<br>during a<br>powerplant failure<br>on takeoff, the<br>appropriate<br>reference<br>airspeeds, and the<br>specific pilot<br>actions required. |                                          |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                |                                                                                                                                                                                                                                                       |                                          |                                    |                               |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                 | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                    | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment | Can explain<br>operational<br>considerations to<br>include: airplane<br>performance,<br>takeoff warning<br>systems, runway<br>length, surface<br>conditions,<br>density altitude,<br>wake turbulence,<br>environmental<br>conditions,<br>obstructions |                                          |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                |                                                    |                                                                                                                          |                                    |                               |
|---------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                 | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                                    | Can coordinate<br>with crew and<br>execute the<br>appropriate<br>checklist(s)<br>following the<br>powerplant<br>failure. |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                        |                               |
|---------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                 | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to plan for a<br>powerplant failure<br>during takeoff<br>considering<br>operational factors<br>such as takeoff<br>warning inhibit<br>systems,<br>runway/takeoff path<br>length, surface<br>conditions,<br>environment,<br>obstructions, and<br>LAHSO operations. | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                |                                                    |                                          |                                                                                                                                                                     |                               |
|---------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                 | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to brief the<br>plan for a<br>powerplant failure<br>during takeoff, in a<br>crew environment. | Low                           |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to follow<br>proper procedures<br>or checklists in an<br>emergency.                           | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                |                                                    |                                          |                                                                                                                                                                |                               |
|---------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                 | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to correctly<br>identify the<br>inoperative engine<br>(AMEL, AMES).                      | Low                           |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>inability to climb or<br>maintain altitude<br>with an inoperative<br>powerplant (AMEL,<br>AMES). | Low                           |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                |                                                    |                                          |                                                                                                                                                          |                               |
|---------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                 | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to consider<br>altitude, wind,<br>terrain, and<br>obstructions in an<br>emergency. | Low                           |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing low<br>altitude<br>maneuvering<br>including stall, spin,<br>or CFIT.                          | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                |                                                    |                                          |                                                                                                                                                     |                               |
|---------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                 | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>distractions, loss of<br>situational<br>awareness, or<br>improper task<br>management. | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                           |                                                    |                                                                                                                                                                                                                                               |                                    |                               |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                            | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub> |                                                    | Can execute<br>continued takeoff<br>following<br>failures including<br>engine failure<br>after V <sub>1</sub> , and any<br>critical failures<br>for the aircraft<br>type that could<br>lead to lateral<br>asymmetry<br>during the<br>takeoff; |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                  |                                                    |                                                                                                                                                                                                                                                                                                                   |                                    |                               |
|-----------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                   | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                          | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at $V_1$ |                                                    | Can execute<br>continued takeoff<br>if the powerplant<br>failure occurs at<br>a point where the<br>airplane can<br>continue to a<br>specified<br>airspeed and<br>altitude at the<br>end of the<br>runway<br>commensurate<br>with the<br>airplane's<br>performance<br>capabilities and<br>operating<br>limitations |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                           |                                                                                        |                                                                                                                          |                                    |                               |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                            | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                     | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub> |                                                                                        | Can coordinate<br>with crew and<br>execute the<br>appropriate<br>checklist(s)<br>following the<br>powerplant<br>failure. |                                    | Low                           |
| Conduct Go-<br>Around/Rejected<br>Landing                                                        | Can explain<br>stabilized<br>approach, to<br>include energy<br>management<br>concepts. |                                                                                                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                   |                                          |                                    |                               |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing                     | Can explain situations and considerations on approach that could require a go-around/rejected landing, to include the inability to comply with a LAHSO clearance. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                             |                                                                             |                                    |                               |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                          | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing                     | Can explain Go-around/rejected landing procedures, the importance of a timely decision, and appropriate airspeed/V-speeds for the maneuver. |                                                                             |                                    | Medium                        |
| Conduct Go-Around/Rejected Landing                     |                                                                                                                                             | Can execute the appropriate procedures and checklist(s) in a timely manner. |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                        |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing                     |                                                    |                                          | Can identify, assess, and manage risks, encompassing delayed recognition of the need for a go-around/rejected landing. | Medium                        |
| Conduct Go-Around/Rejected Landing                     |                                                    |                                          | Can identify, assess, and manage risks, encompassing delayed performance of a go-around at low altitude.               | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                       |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing                     |                                                    |                                          | Can identify, assess, and manage risks, encompassing improper application of power.   | Medium                        |
| Conduct Go-Around/Rejected Landing                     |                                                    |                                          | Can identify, assess, and manage risks, encompassing improper airplane configuration. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                 |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing                     |                                                    |                                          | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires vessels, vessels, persons, and wildlife. | Medium                        |
| Conduct Go-Around/Rejected Landing                     |                                                    |                                          | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                   | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing                     |                                                    |                                          | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                               |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing                     |                                                    |                                          | Can identify, assess, and manage risks, encompassing managing a go-around/rejected landing after accepting a LAHSO clearance. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                                                                                                |                                          |                                    |                               |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                             | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing                     | Can describe Proper airborne system use for go-around, including consideration of height loss during transition to a go-around, performance assurance for obstacle clearance, management of any necessary mode changes, and assurance of appropriate vertical and lateral flightpath tracking. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                   |                                          |                                    |                               |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                                        | Can explain elements related to holding procedures, including reporting criteria, appropriate speeds, and recommended entry procedures for standard, nonstandard, published, and non- published holding patterns. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                           |                                          |                                    |                               |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                        | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                                        | Can explain determining holding endurance based upon factors to include an expect further clearance (EFC) time, fuel on board, fuel flow while holding, fuel required to destination and alternate, etc., as appropriate. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                            |                                                                            |                                    |                               |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                         | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                                        | Can explain when to declare minimum fuel or a fuel-related emergency.                                      |                                                                            |                                    | Medium                        |
| Conduct Holding                                        | Can explain use of automation for holding to include autopilot and flight management systems, if equipped. |                                                                            |                                    | Medium                        |
| Conduct Holding                                        |                                                                                                            | Can identify instrument navigation aids associated with the assigned hold. |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                    |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                           | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                                        |                                                    | Can apply the appropriate entry procedure for a standard, nonstandard, published, or non- published holding pattern.                               |                                    | Medium                        |
| Conduct Holding                                        |                                                    | Can change to the appropriate holding airspeed for the airplane and holding altitude to cross the holding fix at or below maximum holding airspeed |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                            |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                                        |                                                    | Can comply with the holding pattern leg length and other restrictions, if applicable, associated with the holding pattern. |                                    | Medium                        |
| Conduct Holding                                        |                                                    | Can comply with ATC reporting requirements.                                                                                |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                               |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                                        |                                                    | Can use automation to include autopilot, flight director controls, and navigation displays associated with the assigned hold. |                                    | Medium                        |
| Conduct Holding                                        |                                                    | Can calculate fuel reserve calculations based on EFC times.                                                                   |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                         |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                                        |                                                    |                                          | Can identify, assess, and manage risks, encompassing recalculating fuel reserves if assigned an unanticipated EFC time. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                         |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                                        |                                                    |                                          | Can identify, assess, and manage risks, encompassing scenarios and circumstances that could result in minimum fuel or the need to declare an emergency. | Medium                        |
| Conduct Holding                                        |                                                    |                                          | Can describe scenarios that could lead to holding, including deteriorating weather at the planned destination.                                          | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                         |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                                        |                                                    |                                          | Can identify, assess, and manage risks, encompassing improper holding entry and improper wind correction while holding. | Medium                        |
| Conduct Holding                                        |                                                    |                                          | Can identify, assess, and manage risks, encompassing holding while in icing conditions.                                 | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                       |                                                                                      |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                              | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                                        |                                                    |                                                                                                       | Can identify, assess, and manage risks, encompassing improper automation management. | Medium                        |
| Conduct Instrument Takeoff                             |                                                    | Can coordinate with crew and execute the appropriate checklist(s) prior to takeoff in a timely manner |                                                                                      | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                            |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff                       |                                                    | Can execute<br>setting of the<br>applicable<br>avionics and<br>flight<br>instruments prior<br>to initiating the<br>takeoff |                                    | Medium                        |
| Conduct<br>Instrument<br>Takeoff                       |                                                    | Can verify<br>assigned/correct<br>runway                                                                                   |                                    | Medium                        |
| Conduct<br>Instrument<br>Takeoff                       |                                                    | Can execute<br>appropriate after-<br>takeoff<br>checklist(s) in a<br>timely manner                                         |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>selection of a<br>runway based on<br>aircraft<br>performance and<br>limitations,<br>available distance,<br>surface conditions,<br>lighting, and wind | Medium                        |
| Conduct<br>Instrument<br>Takeoff                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing wake<br>turbulence                                                                                                                                      | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                      |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>abnormal<br>operations, to<br>include planning for<br>rejected takeoff | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                                                                                         |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>abnormal<br>operations, to<br>include planning for<br>Engine failure in<br>takeoff phase of<br>flight with the<br>ceiling or visibility<br>below the<br>minimums for an<br>instrument<br>approach at<br>departure airport | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                                                                                       |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>abnormal<br>operations, to<br>include planning for<br>Engine failure in<br>climb phase of<br>flight with the<br>ceiling or visibility<br>below the<br>minimums for an<br>instrument<br>approach at<br>departure airport | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                                                |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>abnormal<br>operations, to<br>include planning for<br>collision hazards, to<br>include aircraft,<br>terrain, obstacles,<br>wires, vehicles,<br>vessels, persons,<br>and wildlife | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                      |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>abnormal<br>operations, to<br>include planning for<br>low altitude<br>maneuvering<br>including stall, spin,<br>or CFIT | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                             |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff                       |                                                    |                                          | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for distractions, loss of situational awareness, or improper task management. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                          |                                    |                               |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff                       | Can describe procedures during takeoff to address the transition from visual flight to instrument flight for both the pilot flying (PF) and pilot monitoring (PM), to include the use and limitations of any flight guidance or visual systems in use. Pilots should be aware of the operator's policy for responding to loss of suitable visual reference during takeoff, in the low and high speed regimes, both before and after V1 (refer to AC 120-62 for additional information and recommendations for training). |                                          |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff                       |                                                    |                                          | Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                            |                                                                                         |                                          |                                    |                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                             | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                      | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can explain which items must be inspected per the OEM Manuals using pictorial preflight |                                          |                                    | High                          |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can explain the reasons for checking each item during preflight                         |                                          |                                    | High                          |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can describe how to detect possible defects                                             |                                          |                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                            |                                                                   |                                          |                                                                                                       |                               |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                             | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures | Can explain how to coordinate checklist with crew, if appropriate |                                          |                                                                                                       | High                          |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                                                   |                                          | Can identify, assess, and manage risks encompassing Inoperative equipment discovered prior to flight. | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                            |                                                                                                                                                                             |                                          |                                                                                                        |                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                             | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                          | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                                                                                                                                                             |                                          | Can identify, assess, and manage risks encompassing external pressures and Aviation security concerns. | High                          |
| Conduct Landing From a Precision Approach                                         | Can explain elements related to the pilot's responsibilities, and the environmental, operational, and meteorological factors that affect landing from a precision approach. |                                          |                                                                                                        | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                              |                                                   |                                    |                               |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                           | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES          | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        | Can explain<br>approach lighting<br>systems and<br>runway and<br>taxiway signs,<br>markings and<br>lighting. |                                                   |                                    | Medium                        |
| Conduct Landing<br>From a Precision<br>Approach        |                                                                                                              | Can demonstrate<br>SRM or CRM, as<br>appropriate. |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                                     |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>selection of an<br>approach procedure<br>and runway based<br>on pilot capability,<br>aircraft limitations,<br>available distance,<br>surface conditions,<br>and wind. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                               |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing wake<br>turbulence.                | Medium                        |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>planning for missed<br>approach | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                            |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>planning for land<br>and hold short<br>operations<br>(LAHSO) | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                           |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>planning for<br>collision hazards, to<br>include aircraft,<br>terrain, obstacles,<br>wires, vehicles,<br>vessels, persons,<br>and wildlife. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                 |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>planning for low<br>altitude<br>maneuvering<br>including stall, spin,<br>or CFIT. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                     |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>planning for<br>distractions, loss of<br>situational<br>awareness, or<br>improper task<br>management. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                   |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>planning for<br>attempting to land<br>from an unstable<br>approach. | Medium                        |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>planning for flying<br>below the glidepath.                         | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                        |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>planning for<br>transitioning from<br>instrument to visual<br>references for<br>landing. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    |                                          | Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                        |                                          |                                    |                               |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                     | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        | Can recognize<br>significant<br>airborne system<br>failures<br>experienced prior<br>to and after<br>reaching the final<br>approach fix<br>(FAF), MDA,<br>DA/DH, or AH. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    | Can perform proper reaction to significant airborne system failures experienced prior to and after reaching the final approach fix (FAF), MDA, DA/DH, or AH. Expected pilot response to failure after touchdown should be addressed as well. |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                |                                          |                                    |                               |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                             | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        | Can recognize<br>ground or<br>navigation system<br>faults, failures or<br>abnormalities at<br>any point during<br>the approach and<br>landing. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    | Can recognize<br>and execute<br>appropriate<br>actions in<br>response to<br>ground or<br>navigation<br>system faults,<br>failures or<br>abnormalities at<br>any point during<br>the approach and<br>landing. |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                                                                                                               |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach        |                                                    |                                          | Can appreciate that pilots should be familiar with the need to report navigation system anomalies or discrepancies, failures of any lighting system (e.g., approach lights, runway lights, touchdown zone (TDZ) lights, centerline lights), or any other discrepancies that could be pertinent to operations. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                 |                                          |                                    |                               |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                              | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                                | Can explain elements related to missed approach procedures to include reference to standby or backup instruments.               |                                          |                                    | Medium                        |
| Conduct Missed Approach                                | Can explain limitations associated with standard instrument approaches, including while using an FMS or autopilot, if equipped. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                      |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                                |                                                    | Can coordinate with crew and execute the appropriate procedures and checklist(s) in a timely manner. |                                    | Medium                        |
| Conduct Missed Approach                                |                                                    | Can comply with the published or alternate missed approach procedure.                                |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                           |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                                |                                                    | Can use an MFD and other graphical navigation displays, if installed, to monitor position and track to help navigate the missed approach. |                                    | Medium                        |
| Conduct Missed Approach                                |                                                    | Can demonstrate effective CRM                                                                                                             |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                       |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                              | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                                |                                                    | Can execute re-engagement of the autopilot at appropriate times during the missed approach procedure. |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                 |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                        | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                                |                                                    | Can obtain ATC clearance to attempt another approach, proceed to the alternate airport, holding fix, or other clearance limit, as appropriate, or as directed by the evaluator. |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                 |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                                |                                                    |                                          | Can identify, assess, and manage risks, encompassing failure to follow prescribed procedures.                   | Medium                        |
| Conduct Missed Approach                                |                                                    |                                          | Can identify, assess, and manage risks, encompassing holding, diverting, or electing to fly the approach again. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                              |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                                |                                                    |                                          | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                      |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                                |                                                    |                                          | Can identify, assess, and manage risks, encompassing factors that might lead to executing a missed approach procedure before the MAP or to a go-around below DA/MDA. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                            |                                          |                                                                                                                      |                               |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                         | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                                |                                                                                                                                            |                                          | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems. | Medium                        |
| Conduct Missed Approach - OEI                          | Can explain elements related to a one engine inoperative missed approach procedures to include reference to standby or backup instruments. |                                          |                                                                                                                      | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                    |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                           | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach - OEI                       |                                                    | Can coordinate<br>with crew and<br>execute the<br>appropriate<br>procedures and<br>checklist(s) in a<br>timely manner<br>during a one<br>engine<br>inoperative<br>missed approach. |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                           |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                          |                                                    | Can comply with the published or alternate missed approach procedure during a one engine inoperative missed approach.                     |                                    | Low                           |
| Conduct Missed Approach - OEI                          |                                                    | Can use an MFD and other graphical navigation displays, if installed, to monitor position and track to help navigate the missed approach. |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                          |                                                    | Can demonstrate effective CRM during a one engine inoperative missed approach.                                               |                                    | Low                           |
| Conduct Missed Approach - OEI                          |                                                    | Can execute re-engagement of the autopilot at appropriate times during the one engine inoperative missed approach procedure. |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                                                                 |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                        | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                          |                                                    | Can obtain ATC clearance to attempt another approach, proceed to the alternate airport, holding fix, or other clearance limit, as appropriate, or as directed by the evaluator during a one engine inoperative missed approach. |                                    | Low                           |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                               |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                          |                                                    |                                          | Can identify, assess, and manage risks, encompassing failure to follow prescribed procedures during a one engine inoperative missed approach. | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                 |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                          |                                                    |                                          | Can identify, assess, and manage risks, encompassing holding, diverting, or electing to fly the approach again during a one engine inoperative missed approach. | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                              |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                          |                                                    |                                          | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach during a one engine inoperative missed approach. | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                           |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach - OEI                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>factors that might<br>lead to executing a<br>one engine<br>inoperative missed<br>approach procedure<br>before the MAP or<br>to a go-around<br>below DA/MDA. | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                 |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach - OEI                       |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to manage<br>automated<br>navigation and auto<br>flight systems<br>during a one engine<br>inoperative missed<br>approach. | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                 |                                          |                                    |                               |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                              | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain that unstabilized approaches are a key contributor to CFIT events, and explain that present NPAs are designed with and without stepdown fixes in the final approach |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                                                                                      |                                          |                                    |                               |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                   | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain why stepdowns flown without a constant descent will require multiple thrust, pitch, and altitude adjustments inside the final approach fix (FAF), and can explain that these adjustments increase pilot workload and potential errors during a critical phase of flight. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                                      |                                          |                                    |                               |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                   | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain that the practice commonly referred to as “dive and drive,” can result in extended level flight as low as 250 feet above the ground in instrument meteorological conditions (IMC) and shallow or steep final approaches. |                                          |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                                                                      |                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                   | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain that a stabilized approach is a key feature to a safe approach and landing. Can explain that operators are encouraged by the FAA and the International Civil Aviation Organization (ICAO) to use the stabilized approach concept to help eliminate CFIT. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                               |                                          |                                    |                               |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                            | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain that the stabilized approach concept is characterized by maintaining a stable approach speed, descent rate, vertical flightpath, and configuration to the landing touchdown point |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                  |                                          |                                    |                               |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                               | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain that precision IAPs and approach procedures with vertical guidance (APV) have a continuous descent approach profile in their design. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                    |                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                 | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain that<br>NPAs were not<br>originally<br>designed with this<br>vertical path, but<br>may easily be<br>flown using the<br>CDFA<br>(continuous<br>descent final<br>approach)<br>technique. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                       |                                          |                                    |                               |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                    | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain why<br>Flying NPAs with<br>a continuous<br>descent profile<br>will provide a<br>safety advantage<br>over flying<br>approaches using<br>the “dive and<br>drive” technique. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                     |                                          |                                    |                               |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                  | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain that CDFA is a technique for flying the final approach segment of an NPA as a continuous descent. The technique is consistent with stabilized approach procedures and has no level-off. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                          |                                    |                               |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain the six advantages of CDFA: Increased safety by employing the concepts of stabilized approach criteria and procedure standardization; Improved pilot situational awareness (SA) and reduced pilot workload; Improved fuel efficiency by minimizing the low-altitude level flight time; Reduced noise level by minimizing the level flight time at high thrust settings; Procedural similarities to APV and precision approach operations; Reduced probability of infringement on required obstacle clearance during the final approach segment. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                                                                                                                        |                                          |                                    |                               |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                     | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain that CDFA requires no specific aircraft equipment other than that specified by the title of the NPA procedure and that Pilots can safely fly suitable NPAs with CDFA using basic piloting techniques, aircraft flight management systems (FMS) and RNAV systems, or by manually computing rate of descent. |                                          |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                        |                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                     | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can calculate a<br>rate of descent for<br>VDA (see<br>example in this<br>paragraph)                                                                                                    |                                          |                                    | Medium                        |
| Conduct<br>Nonprecision<br>Approach                    | Can explain that<br>some approach<br>characteristics<br>(e.g., circling-only<br>minima) and<br>environmental<br>factors (e.g.,<br>icing) could make<br>the use of CDFA<br>inadvisable. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                      |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    |                                                    |                                          | Can appreciate that there are environments in which using CDFA technique is not advisable or practical, for example airports that do not offer straight in non-precision approaches. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                                     |                                          |                                    |                               |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                  | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain<br>procedures and<br>limitations<br>associated with a<br>nonprecision<br>approach,<br>including the<br>differences<br>between Localizer<br>Performance (LP)<br>and Lateral<br>Navigation<br>(LNAV) approach<br>guidance |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                       |                                          |                                    |                               |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                    | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain navigation system displays and annunciations, modes of operation, and RNP lateral accuracy values associated with an RNAV (GPS) approach. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                                        |                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                     | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    | Can explain<br>ground-based and<br>satellite-based<br>navigation<br>(orientation,<br>course<br>determination,<br>equipment, tests<br>and regulations,<br>interference,<br>appropriate use of<br>navigation data,<br>signal integrity). |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                        |                                                                                                                                             |                              |                         |
|--------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                  | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                          | Can explain criteria for a stabilized approach, to include energy management concepts. |                                                                                                                                             |                              | Medium                  |
| Conduct Nonprecision Approach                          |                                                                                        | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach. |                              | Medium                  |
| Conduct Nonprecision Approach                          |                                                                                        | Can Comply with all clearances issued by ATC .                                                                                              |                              | Medium                  |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    |                                                    | Can recognize if<br>any flight<br>instrumentation<br>is inaccurate or<br>inoperative, and<br>take appropriate<br>action. |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    |                                                    | Can use a Multi-Function Display (MFD) and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath. |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>Failure to follow<br>the correct approach<br>procedure (e.g.,<br>descending too<br>early, etc.). | Medium                        |
| Conduct<br>Nonprecision<br>Approach                    |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>Selecting an<br>incorrect navigation<br>frequency.                                               | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                        |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>Failure to manage<br>automated<br>navigation and auto<br>flight systems. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                      |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>Failure to ensure<br>proper airplane<br>configuration<br>during an approach<br>and missed<br>approach. | Medium                        |
| Conduct<br>Nonprecision<br>Approach                    |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing An<br>unstable approach,<br>including excessive<br>descent rates.                                         | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                   |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>Deteriorating<br>weather conditions<br>on approach. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                         |                                          |                                                                                                                                                                                                |                               |
|--------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                      | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach                    |                                                                         |                                          | Can identify, assess, and manage risks, encompassing Operating below the minimum descent altitude (MDA) or continuing a descent below decision altitude (DA) without proper visual references. | Medium                        |
| Conduct Normal Approach and Landing with Crosswind     | Can explain stabilized approach, to include energy management concepts. |                                          |                                                                                                                                                                                                | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                     |                                                                                          |                                    |                               |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                  | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind     | Can explain effects of atmospheric conditions, including wind, on approach and landing performance. |                                                                                          |                                    | Medium                        |
| Conduct Normal Approach and Landing with Crosswind     |                                                                                                     | Can coordinate with crew and execute after landing checklists(s).                        |                                    | Medium                        |
| Conduct Normal Approach and Landing with Crosswind     |                                                                                                     | Can confirm the airplane is aligned with the correct/assigned runway or landing surface. |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                              |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind     |                                                    |                                          | Can identify, assess, and manage risks, encompassing selection of a runway or approach path and touchdown area based aircraft limitations, available distance, surface conditions, and wind. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                             |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind     |                                                    |                                          | Can identify, assess, and manage risks, encompassing wake turbulence.                       | Medium                        |
| Conduct Normal Approach and Landing with Crosswind     |                                                    |                                          | Can identify, assess, and manage risks, encompassing Go-Around/Rejected Landing             | Medium                        |
| Conduct Normal Approach and Landing with Crosswind     |                                                    |                                          | Can identify, assess, and manage risks, encompassing land and Hold Short Operations (LAHSO) | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                   |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind     |                                                    |                                          | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | Medium                        |
| Conduct Normal Approach and Landing with Crosswind     |                                                    |                                          | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                     | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind     |                                                    |                                          | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, incorrect airport surface approach and landing, or improper task management. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3   |                                                                                                                           |                                          |                                    |                               |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                    | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                        | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can describe the<br>effects of<br>atmospheric<br>conditions,<br>including wind,<br>on takeoff and<br>climb<br>performance |                                          |                                    | Medium                        |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can describe the<br>appropriate V-<br>speeds for takeoff<br>and climb                                                     |                                          |                                    | Medium                        |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can describe the<br>appropriate<br>aircraft<br>configuration and<br>power setting for<br>takeoff and climb                |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3   |                                                                      |                                                                                                                          |                                    |                               |
|----------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                    | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                   | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can identify<br>airport and<br>runway markings,<br>signs, and lights |                                                                                                                          |                                    | Medium                        |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                                      | Can coordinate<br>with crew and<br>complete the<br>appropriate<br>checklist(s) prior<br>to takeoff in a<br>timely manner |                                    | Medium                        |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                                      | Can verify<br>assigned/correct<br>runway                                                                                 |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3   |                                                    |                                                                                                                                                                                                                            |                                    |                               |
|----------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                    | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                    | Can verify the<br>airplane is<br>configured for<br>takeoff                                                                                                                                                                 |                                    | Medium                        |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                    | Can confirm<br>takeoff power<br>and proper<br>engine and flight<br>instrument<br>indications prior<br>to rotation and<br>perform callouts<br>as appropriate,<br>for the airplane<br>or per the<br>operator's<br>procedures |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3   |                                                    |                                                                                    |                                                                                                                                                                                                      |                               |
|----------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                    | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                           | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                    | Can execute<br>appropriate after-<br>takeoff<br>checklist(s) in a<br>timely manner |                                                                                                                                                                                                      | Medium                        |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                    |                                                                                    | Can identify, assess,<br>and manage risks,<br>encompassing<br>selection of a<br>runway, or runway<br>intersection aircraft<br>limitations,<br>available distance,<br>surface conditions,<br>and wind | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3   |                                                    |                                          |                                                                                           |                               |
|----------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                    | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing wake<br>turbulence             | Medium                        |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                    |                                          | Can demonstrate<br>proper planning for<br>rejected takeoff                                | Medium                        |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                    |                                          | Can demonstrate<br>proper planning for<br>engine failure in<br>takeoff phase of<br>flight | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3   |                                                    |                                          |                                                                                                                                                             |                               |
|----------------------------------------------------------|----------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                    | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                    |                                          | Can demonstrate<br>proper planning for<br>engine failure in<br>climb phase of<br>flight                                                                     | Medium                        |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>improper aircraft<br>configuration or<br>settings (e.g., trim,<br>flaps, autobrakes,<br>etc.) | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3   |                                                    |                                          |                                                                                                                                                                                          |                               |
|----------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                    | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>collision hazards, to<br>include aircraft,<br>terrain, obstacles,<br>wires, vehicles,<br>vessels, persons,<br>and wildlife | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3   |                                                                                            |                                          |                                                                                                                                                    |                               |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                    | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                         | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                                                            |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>distractions, loss of<br>situational<br>awareness, or<br>improper task<br>management | Medium                        |
| Conduct<br>Powerplant Start                              | Can describe<br>normal<br>powerplant start<br>procedures and<br>limitations<br>without APU |                                          |                                                                                                                                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                              |                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                           | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                            | Can describe<br>normal<br>powerplant start<br>procedures and<br>limitations with<br>APU      |                                          |                                    | High                          |
| Conduct<br>Powerplant Start                            | Can describe<br>abnormal<br>powerplant start<br>procedures and<br>limitations<br>without APU |                                          |                                    | High                          |
| Conduct<br>Powerplant Start                            | Can describe<br>abnormal<br>powerplant start<br>procedures and<br>limitations with<br>APU    |                                          |                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                          |                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                       | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                            | Can explain<br>procedures for<br>starting engines<br>under various<br>conditions                                                                         |                                          |                                    | High                          |
| Conduct<br>Powerplant Start                            | Can explain<br>possible<br>malfunctions<br>during powerplant<br>start, procedures<br>to address the<br>malfunction, and<br>any associated<br>limitations |                                          |                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                         |                                                                                                                               |                                    |                               |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                      | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                            | Can describe<br>coordinating and<br>communicating<br>with ground<br>personnel for<br>powerplant start,<br>if applicable |                                                                                                                               |                                    | High                          |
| Conduct<br>Powerplant Start                            |                                                                                                                         | Can ensure the<br>ground safety<br>procedures are<br>followed during<br>the before-start,<br>start, and after-<br>start phase |                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                           |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                            |                                                    | Can coordinate<br>with crew and<br>complete the<br>appropriate<br>checklist(s) prior<br>to and after<br>powerplant start. |                                    | High                          |
| Conduct<br>Powerplant Start                            |                                                    | Can identify an<br>abnormal start or<br>malfunction and<br>execute the<br>correct procedure                               |                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                      |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                            |                                                    |                                          | Can identify, assess,<br>and manage risks<br>encompassing<br>malfunctions during<br>powerplant start | High                          |
| Conduct<br>Powerplant Start                            |                                                    |                                          | Can identify, assess,<br>and manage risks<br>encompassing<br>turbine powerplant<br>safety            | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                               |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                            |                                                    |                                          | Can identify, assess,<br>and manage risks<br>encompassing<br>managing situations<br>where specific<br>instructions or<br>checklist items are<br>not published | High                          |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                             |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                            |                                                    |                                          | Can identify, assess,<br>and manage risks<br>encompassing<br>personnel, vehicles,<br>vessels, foreign<br>object debris, and<br>other aircraft in the<br>vicinity during<br>powerplant start | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                        |                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                     | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             | Can explain procedures and limitations associated with a precision approach, including determining required descent rates and adjusting minimums in the case of inoperative equipment. |                                          |                                    | Medium                        |
| Conduct Precision Approach                             | Can explain navigation system displays, annunciations, and modes of operation.                                                                                                         |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                    |                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                 | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             | Can explain ground-based and satellite-based navigation (orientation, course determination, equipment, tests and regulations, interference, appropriate use of navigation data, signal integrity). |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                  |                                                                                                                                             |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                               | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             | Can explain stabilized approach criteria, to include energy management concepts. |                                                                                                                                             |                                    | Medium                        |
| Conduct Precision Approach                             |                                                                                  | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach. |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                        |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             |                                                    | Can recognize if any flight instrumentation is inaccurate or inoperative, and take appropriate action. |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                                                             |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             |                                                    | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                  |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             |                                                    | Can use an MFD and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath. |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                      |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             |                                                    |                                          | Can identify, assess, and manage risks, encompassing failure to follow the correct approach procedure (e.g., descending below the glideslope, etc.). | Medium                        |
| Conduct Precision Approach                             |                                                    |                                          | Can identify, assess, and manage risks, encompassing selecting an incorrect navigation frequency.                                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                      |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             |                                                    |                                          | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                              |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             |                                                    |                                          | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | Medium                        |
| Conduct Precision Approach                             |                                                    |                                          | Can identify, assess, and manage risks, encompassing an unstable approach, including excessive descent rates.                                | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             |                                                    |                                          | Can identify, assess, and manage risks, encompassing deteriorating weather conditions on approach. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                       |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             |                                                    |                                          | Can identify, assess, and manage risks, encompassing continuing to descend below the Decision Altitude (DA)/Decision Height (DH) when the required visual references are not visible. | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                                                                                                                                                                                                                       |                                          |                                    |                               |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                    | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             | Can describe normal and non-normal procedures including crew duties, monitoring assignments, transfer of control during normal operations, appropriate automatic or crew-initiated call-outs, proper use of standard or special IAPs, applicable minima for normal configurations or for alternate or failure configurations, and reversion to higher minima in the event of failures |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                  |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             |                                                    | Can perform appropriate normal and non-normal procedures including crew duties, monitoring assignments, transfer of control during normal operations, appropriate automatic or crew-initiated call-outs, proper use of standard or special IAPs, applicable minima for normal configurations or for alternate or failure configurations, and reversion to higher minima in the event of failures |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                |                                          |                                    |                               |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                             | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             | Can describe procedures to address the transition from electronic monitoring displays to external visual references for both PF and PM for systems that include such displays. |                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             |                                                    |                                          | Can appreciate constraints for head winds, tail winds, crosswinds, and the effect of vertical and horizontal wind shear on automatic systems, flight directors (F/D), or other system (e.g., HUD, SVGS, etc.) performance. For systems such as HUDs that have a limited field of view (FOV), or synthetic reference systems, pilots should be familiar with the display limitations of these systems and expected pilot actions in the event that the aircraft reaches or exceeds a display limit capability. | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                  |                                                                                              |                                    |                               |
|--------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES               | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                             |                                                                  | Can apply Flightcrew procedures used (e.g., PF/PM duties, monitored approach, or call-outs); |                                    | Medium                        |
| Conduct Precision Approach                             | Can identify nearby critical terrain or obstruction environment; |                                                                                              |                                    | Medium                        |
| Conduct Precision Approach                             |                                                                  | Can respond appropriately to aircraft and ground system failures.                            |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                                                                                                                                               |                                          |                                    |                               |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                                                            | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                            | Can describe<br>conditions and<br>situations that<br>could warrant a<br>rejected takeoff<br>(e.g., takeoff<br>warning systems,<br>powerplant<br>failure, other<br>systems<br>warning/failure) |                                          |                                    | Low                           |
| Conduct Rejected<br>Takeoff                            | Can describe<br>safety<br>considerations<br>following a<br>rejected takeoff                                                                                                                   |                                          |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                                         |                                          |                                    |                               |
|--------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES                      | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                            | Can explain the<br>procedure for<br>accomplishing a<br>rejected takeoff |                                          |                                    | Low                           |
| Conduct Rejected<br>Takeoff                            | Can explain<br>accelerate/stop<br>distance                              |                                          |                                    | Low                           |
| Conduct Rejected<br>Takeoff                            | Can define<br>relevant V-speeds<br>for a rejected<br>takeoff            |                                          |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                                                                          |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                            |                                                    | Can execute<br>aborted takeoff if<br>the powerplant<br>failure occurs at<br>a point during<br>the takeoff where<br>the abort<br>procedure can be<br>initiated and the<br>airplane can be<br>safely stopped on<br>the remaining<br>runway |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                        |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                            |                                                    | Can execute<br>prompt reduction<br>of power and<br>maintain positive<br>aircraft control<br>using drag and<br>braking devices,<br>as appropriate, to<br>come to a stop |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                 |                                                                                                                |                               |
|--------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                        | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                            |                                                    | Can coordinate with crew, if applicable, and complete the appropriate procedures, checklist(s), and radio calls following a rejected takeoff in a timely manner |                                                                                                                | Low                           |
| Conduct Rejected<br>Takeoff                            |                                                    |                                                                                                                                                                 | Can identify, assess, and manage risks, encompassing a powerplant failure or other malfunction during takeoff. | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                             |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                            |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>failure to maintain<br>directional control<br>following a rejected<br>takeoff | Low                           |
| Conduct Rejected<br>Takeoff                            |                                                    |                                          | Can identify, assess,<br>and manage risks,<br>encompassing<br>rejecting takeoff<br>with inadequate<br>stopping distance                     | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                     |                                                                                                                                                                          |                               |
|--------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                            |                                                    |                                                                                                     | Can identify, assess,<br>and manage risks,<br>encompassing a<br>high-speed abort<br>distractions, loss of<br>situational<br>awareness, or<br>improper task<br>management | Low                           |
| Conduct Rejected<br>Takeoff                            |                                                    | Can execute<br>Rejected takeoff<br>from a point<br>prior to V1<br>(including an<br>engine failure); |                                                                                                                                                                          | Low                           |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                                     |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                            |                                                    | Can perform<br>rejected takeoff<br>requiring transfer<br>of control (if<br>applicable) for<br>low-visibility<br>takeoff minima<br>where a flight<br>guidance and/or<br>vision system is<br>required |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                                                                                                            |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                            |                                                    | Can perform<br>rejected takeoff<br>with failure of<br>the flight<br>guidance device<br>or ground-based<br>guidance system,<br>at a critical point<br>of the takeoff,<br>unless these<br>systems have<br>failure<br>characteristics<br>that are<br>extremely<br>improbable. |                                    | Low                           |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                               |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                      | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can verify currency and integrity of aircraft navigation data |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                                                                       |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                              | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can obtain a receiver autonomous integrity monitoring (RAIM) prediction for the planned RNP operation |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                            |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can verify successful completion of RNP system self-tests; |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                       |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES              | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can perform initialization navigation system position |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                                                                                                                         |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can perform retrieval of an RNP procedure (e.g., Standard Instrument Departure (SID) or a Standard Terminal Arrival (STAR) with appropriate transition) |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                                                                                                            |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can execute an RNP procedure (e.g., Standard Instrument Departure (SID) or a Standard Terminal Arrival (STAR) with appropriate transition) |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                                                                                                  |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can select the appropriate STAR or SID for the active runway in use and be familiar with procedures to deal with a runway change |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                   |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES          | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can verify waypoints and flight plan programming; |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                                                                                     |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can perform a manual or automatic runway update (with takeoff point shift for Inertial Reference Units (IRU) only); |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                          |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can perform flying direct to a waypoint  |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                 |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES        | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can perform flying a course/track to a waypoint |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                            |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can perform interception of a course/track |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                                                           |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can perform flying vectors, and rejoining an RNP route/procedure from the 'heading' mode; |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                                                 |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                        | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can perform selecting/arming the navigation system for an ILS or GLS transition |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                              |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can perform insertion and deletion of a route discontinuity; |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                                   |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                          | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can perform removal and reselection of a navigation sensor input; |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                                                                                                                                          |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can confirm exclusion of a specific navigation aid or navigation aid type (distance measuring equipment (DME) and very high frequency omnidirectional range (VOR) only); |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                                   |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                          | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can perform changing of the arrival airport and alternate airport |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                                                                                                                        |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can verify the RNP value set in the flight management system (FMS) matches the equipment capability and authorizations as annotated in the flight plan |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                                                                                        |                                                    |                                                           |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                         | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct RNP operations in the United States, oceanic and remote continental airspace, and in foreign countries which adopt ICAO standards for RNP operations. |                                                    | Can perform parallel offset function if capability exists |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3  |                                                    |                                                                                                                                                                              |                                    |                               |
|---------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                   | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist: AFTER<br>LANDING<br>CHECKS |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist: AFTER<br>START CHECKS     |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | High                          |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3   |                                                    |                                                                                                                                                                              |                                    |                               |
|----------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                    | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist: AFTER<br>TAKE-OFF<br>CHECKS |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>APPROACH<br>CHECKS     |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>BEFORE START<br>CHECKS |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3     |                                                    |                                                                                                                                                                              |                                    |                               |
|------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                      | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>BEFORE TAKE-<br>OFF CHECKS |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                   |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                    | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist: CABIN<br>ALTITUDE<br>SETTING FOR<br>LANDING |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist: CLIMB<br>CHECKS           |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>CRUISE<br>CHECKS       |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>DESCENT<br>CHECKS      |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | Medium                        |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>EXTERNAL<br>CHECKS     |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3          |                                                    |                                                                                                                                                                              |                                    |                               |
|-----------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                           | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>GROUND<br>HANDLING<br>CHECKLIST |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>LANDING<br>CHECKS      |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3                                   |                                                    |                                                                                                                                                                              |                                    |                               |
|------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                    | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>LEAVING<br>AIRPLANE<br>(TERMINATING<br>FLIGHT)<br>CHECKS |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist: LINE<br>UP CHECKS         |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3       |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                        | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist:<br>MISSED<br>APPROACH<br>CHECKS |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist: SHUT<br>DOWN CHECKS       |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>checklist: START<br>CHECKS           |                                                    | Can use the<br>appropriate<br>checklists and<br>NORMAL<br>procedures to<br>demonstrate or<br>describe the<br>proper use of the<br>airplane system,<br>subsystem or<br>device |                                    | High                          |
| Conduct use of<br>FMS                                  |                                                    | Can verify<br>currency of<br>aircraft<br>navigation data.                                                                                                                    |                                    | High                          |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                             |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>FMS                                  |                                                    | Can verify<br>successful<br>completion of<br>RNAV system<br>self-tests                      |                                    | High                          |
| Conduct use of<br>FMS                                  |                                                    | Can execute<br>initialization of<br>RNAV system<br>position                                 |                                    | High                          |
| Conduct use of<br>FMS                                  |                                                    | Can execute<br>retrieval and<br>flying of a DP or<br>STAR with<br>appropriate<br>transition |                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>FMS                                  |                                                    | Can comply with<br>speed and/or<br>altitude<br>constraints<br>associated with a<br>DP or STAR. |                                    | Medium                        |
| Conduct use of<br>FMS                                  |                                                    | Can execute<br>making a runway<br>change<br>associated with a<br>DP or STAR                    |                                    | Medium                        |
| Conduct use of<br>FMS                                  |                                                    | Can verify<br>waypoints and<br>flight plan<br>programming                                      |                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                           |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of FMS                                     |                                                    | Can perform a manual or automatic runway update (with takeoff point shift, if applicable) |                                    | Medium                        |
| Conduct use of FMS                                     |                                                    | Can perform flying direct to a waypoint                                                   |                                    | Medium                        |
| Conduct use of FMS                                     |                                                    | Can perform flying a course/track to a waypoint.                                          |                                    | Medium                        |
| Conduct use of FMS                                     |                                                    | Can perform interception of a course/track                                                |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                   |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                          | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of FMS                                     |                                                    | Can comply with a vectored off and execute rejoining a procedure. |                                    | Medium                        |
| Conduct use of FMS                                     |                                                    | Can determine cross-track error/deviation                         |                                    | Medium                        |
| Conduct use of FMS                                     |                                                    | Can execute insertion and deletion of a route discontinuity       |                                    | Medium                        |
| Conduct use of FMS                                     |                                                    | Can execute removal and reselection of navigation sensor inputs.  |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                            |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of FMS                                     |                                                    | Can confirm exclusion of a specific navigation aid or navigation aid type. |                                    | Medium                        |
| Conduct use of FMS                                     |                                                    | Can execute insertion and deletion of a lateral offset                     |                                    | Medium                        |
| Conduct use of FMS                                     |                                                    | Can execute a change of the arrival airport and alternate airport          |                                    | Medium                        |
| Conduct use of FMS                                     |                                                    | Can execute insertion and delete a holding pattern                         |                                    | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                          |                                                                                                                                                                                                                                  |                               |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>FMS                                  |                                                    |                                          | Can manage the risk of errors when receiving a change to assigned routing by ensuring the waypoints sequence depicted by their navigation system matches the route depicted on the appropriate chart(s) and their assigned route | Medium                        |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                 |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                        | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of<br>FMS                                  |                                                    | Can perform use<br>of the automatic<br>throttle, flight<br>management<br>computer, or<br>other speed<br>management<br>system, if<br>applicable. |                                    | Medium                        |
| Conduct use of<br>TCAS                                 |                                                    | Can demonstrate<br>the proper use of<br>controls<br>including aircraft<br>configuration<br>required to<br>initiate a self-<br>test.             |                                    | High                          |

| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                              |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of TCAS                                    |                                                    | Can demonstrate the proper use of controls including steps required to initiate a self-test. |                                    | High                          |



| HS-125 COURSE 1 - SYSTEMS INTEGRATION TRAINING (SIT) 3 |                                                    |                                                                                                                                                                                                                                                       |                                    |                               |
|--------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                  | KNOWLEDGE<br>& COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                              | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct use of TCAS                                    |                                                    | Can demonstrate the proper use of controls including recognizing when the self-test was successful and when it was unsuccessful. When the self-test is unsuccessful, recognizing the reason for the failure, and if possible, correcting the problem. |                                    | High                          |

## 4 Simulator Training Learning Objectives – Course 1

### 4.1 Course 1 – SIM 1 Learning Objectives

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                              |                                                                                                 |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                              | ATTITUDE LEARNING OBJECTIVES                                                                    | TASK EXPECTATION RATING |
| Conduct after landing, parking and securing  |                                                                                                              |                                                                                                 | Medium                  |
| Conduct after landing, parking and securing  | Can demonstrate runway incursion avoidance procedures.                                                       |                                                                                                 | Medium                  |
| Conduct after landing, parking and securing  | Can comply with ATC instructions and perform radio calls as appropriate.                                     |                                                                                                 | Medium                  |
| Conduct after landing, parking and securing  | Can coordinate with crew, if applicable, and execute the appropriate checklist(s) after clearing the runway. |                                                                                                 | Medium                  |
| Conduct after landing, parking and securing  | Can perform parking in the appropriate area, considering the safety of nearby persons and property.          |                                                                                                 | Medium                  |
| Conduct after landing, parking and securing  | Can execute a postflight inspection and document discrepancies and servicing requirements, if any.           |                                                                                                 | Medium                  |
| Conduct after landing, parking and securing  | Can perform securing the airplane.                                                                           |                                                                                                 | Medium                  |
| Conduct after landing, parking and securing  |                                                                                                              | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                                                                                                |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct after landing, parking and securing  |                                 | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions.                                                                                         | Medium                  |
| Conduct after landing, parking and securing  |                                 | Can identify, assess, and manage risks, encompassing propeller, turbofan inlet, and exhaust safety.                                                                                                            | Medium                  |
| Conduct after landing, parking and securing  |                                 | Can identify, assess, and manage risks, encompassing airport specific security procedures.                                                                                                                     | Medium                  |
| Conduct after landing, parking and securing  |                                 | Can identify, assess, and manage risks, encompassing disembarking passengers.                                                                                                                                  | Medium                  |
| Conduct Arrival Procedures                   |                                 | Can manage the risk of errors when assigned a STAR and subsequently receives a change of landing runway, procedure or transition by verifying the appropriate changes are entered and available for navigation | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                        |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                   |                                                                                                                        |                              | Medium                  |
| Conduct Arrival Procedures                   |                                                                                                                        |                              | Medium                  |
| Conduct Arrival Procedures                   |                                                                                                                        |                              | Medium                  |
| Conduct Arrival Procedures                   |                                                                                                                        |                              | Medium                  |
| Conduct Arrival Procedures                   | Can select, identify and use the appropriate communication and navigation facilities associated with the arrival       |                              | Medium                  |
| Conduct Arrival Procedures                   | Can perform setup of FMS and avionics to include flight director and autopilot controls for the arrival, if applicable |                              | Medium                  |
| Conduct Arrival Procedures                   | Can use current and appropriate navigation publications or databases for the proposed flight                           |                              | Medium                  |
| Conduct Arrival Procedures                   | Can initiate two-way communications with the proper controlling agency                                                 |                              | Medium                  |
| Conduct Arrival Procedures                   | Can use proper phraseology and comply in a timely manner with all ATC instructions and airspace restrictions           |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                           |                                                                                                                      |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                           | ATTITUDE LEARNING OBJECTIVES                                                                                         | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                   | Can perform interception of courses, radials, and bearings appropriate to the procedure, route or clearance                                                                                               |                                                                                                                      | Medium                  |
| Conduct Arrival Procedures                   | Can comply with all applicable charted procedures                                                                                                                                                         |                                                                                                                      | Medium                  |
| Conduct Arrival Procedures                   | Can comply with airspeed restrictions required by regulation, procedure, aircraft limitation or ATC                                                                                                       |                                                                                                                      | Medium                  |
| Conduct Arrival Procedures                   | Can maintain rate of descent consistent with the route segment, airplane operating characteristics and safety                                                                                             |                                                                                                                      | Medium                  |
| Conduct Arrival Procedures                   | Can maintain the appropriate airspeed/V-speed $\pm 10$ knots, but not less than VRef if applicable, heading $\pm 10^\circ$ , altitude $\pm 100$ feet, and accurately track radials, courses, and bearings |                                                                                                                      | Medium                  |
| Conduct Arrival Procedures                   |                                                                                                                                                                                                           | Can identify, assess, and manage risks, encompassing failure to communicate with ATC or follow published procedures. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                                                                 |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                    | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                   |                                 | Can identify, assess, and manage risks, encompassing failure to recognize limitations of traffic avoidance equipment.                                                           | Medium                  |
| Conduct Arrival Procedures                   |                                 | Can identify, assess, and manage risks, encompassing failure to use see and avoid techniques when possible.                                                                     | Medium                  |
| Conduct Arrival Procedures                   |                                 | Can identify, assess, and manage risks, encompassing improper automation management.                                                                                            | Medium                  |
| Conduct Arrival Procedures                   |                                 | Can identify, assess, and manage risks, encompassing ATC instructions that modify an arrival or discontinue/resume the aircraft's lateral or vertical navigation on an arrival. | Medium                  |
| Conduct Arrival Procedures                   |                                 |                                                                                                                                                                                 | Medium                  |
| Conduct Arrival Procedures                   |                                 |                                                                                                                                                                                 | Medium                  |
| Conduct Arrival Procedures                   |                                 |                                                                                                                                                                                 | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                       |                                                                                                                                                                                                                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                       | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                |                                                                                                       | Can manage the risk of errors when assigned an RNAV DP and subsequently receives a change of runway, procedure or transition by verifying the appropriate changes are entered and available for navigation prior to takeoff. | High                    |
| Conduct Before Takeoff Checks                |                                                                                                       |                                                                                                                                                                                                                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                       |                                                                                                                                                                                                                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                       |                                                                                                                                                                                                                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                       |                                                                                                                                                                                                                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                       |                                                                                                                                                                                                                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                       |                                                                                                                                                                                                                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                       |                                                                                                                                                                                                                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                       |                                                                                                                                                                                                                              | High                    |
| Conduct Before Takeoff Checks                | Can determine the airplane's takeoff performance for actual conditions and planned departure runway   |                                                                                                                                                                                                                              | High                    |
| Conduct Before Takeoff Checks                | Can coordinate with crew and execute the appropriate checklist(s) prior to takeoff in a timely manner |                                                                                                                                                                                                                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                             |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                | Can confirm all systems checked are within an acceptable operating range and are safe for the proposed flight               |                              | High                    |
| Conduct Before Takeoff Checks                | Can explain any system operating characteristic or limitation and any corrective action for a malfunction during the checks |                              | High                    |
| Conduct Before Takeoff Checks                | Can determine airspeeds/V-speeds and set flight instruments appropriately                                                   |                              | High                    |
| Conduct Before Takeoff Checks                | Can use flight director and autopilot controls for the current flight conditions and takeoff and departure clearances       |                              | High                    |
| Conduct Before Takeoff Checks                | Can perform configuration of navigation equipment for takeoff and departure clearances                                      |                              | High                    |
| Conduct Before Takeoff Checks                | Can configure communication equipment for takeoff and departure clearances                                                  |                              | High                    |
| Conduct Before Takeoff Checks                | Can obtain and correctly interpret the takeoff and departure clearance                                                      |                              | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                          |                                                                                                                                                                                                |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                | Can conduct a briefing that includes procedures for emergency and abnormal situations (e.g., powerplant failure, windshear), which may be encountered during takeoff, and state the planned action if they were to occur |                                                                                                                                                                                                | High                    |
| Conduct Before Takeoff Checks                |                                                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing division of attention while conducting before takeoff checks                                                                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing an unexpected change in the runway to be used for departure                                                                               | High                    |
| Conduct Before Takeoff Checks                |                                                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing failure to verify performance data is correct and airspeeds and flight instruments are set for actual conditions and the departure runway | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                                                                                                                                                            |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                               | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to set navigation and communication equipment for departure                                                                                                                                                   | High                    |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to configure autopilot and flight director controls for departure                                                                                                                                             | High                    |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to account for adverse weather conditions prior to takeoff (e.g., snow, ice, gusting crosswinds, low-visibility)                                                                                              | High                    |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing A powerplant failure during takeoff or other malfunction considering operational factors such as airplane characteristics, runway/takeoff path length, surface conditions, environmental conditions, and obstructions | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                         |                                                                                                      |                                                                                       |                         |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                | MOTOR SKILL LEARNING OBJECTIVES                                                                      | ATTITUDE LEARNING OBJECTIVES                                                          | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                                        |                                                                                                      | Can identify, assess, and manage risks, encompassing failure to complete checklist(s) | High                    |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                                                                                      |                                                                                       | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                                                                                      |                                                                                       | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                                                                                      |                                                                                       | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                                                                                      |                                                                                       | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                                                                                      |                                                                                       | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                                                                                      |                                                                                       | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A | Can maintain coordinated flight in simulated or actual instrument conditions throughout the maneuver |                                                                                       | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                         |                                                                                                                                                 |                                                                                                                                                                    |                         |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                 | ATTITUDE LEARNING OBJECTIVES                                                                                                                                       | TASK EXPECTATION RATING |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A | Can perform smooth adjustment of pitch attitude, bank angle (15°-30°), and power setting either manually or with the autopilot engaged          |                                                                                                                                                                    | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A | Can recognize the cues and execute prompt recovery at the first indication of an impending stall (e.g., buffet, stall horn, stick shaker, etc.) |                                                                                                                                                                    | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A | Can execute a stall recovery in accordance with procedures set forth in the POH/AFM                                                             |                                                                                                                                                                    | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A | Can execute a return to the desired flight path                                                                                                 |                                                                                                                                                                    | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                                                                                                                                 | Can identify, assess, and manage risks encompassing factors and situations that could lead to an inadvertent stall, spin, and loss of control during cruise flight | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                         |                                 |                                                                                                                                                               |                         |
|----------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing range and limitations of stall warning indicators (e.g., aircraft buffet, stall horn, stick shaker, etc.) | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing failure to recognize and recover at the stall warning                                                     | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing improper stall recovery procedure                                                                         | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing secondary stalls, accelerated stalls, elevator trim stalls, and cross-control stalls                      | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                         |                                 |                                                                                                                                                                                                                        |                         |
|----------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                           | TASK EXPECTATION RATING |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing effect of environmental elements on aircraft performance while in cruise flight as it relates to stalls (e.g., turbulence, microbursts, and high-density altitude) | Medium                  |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing distractions, loss of situational awareness, or improper task management                                                                                           | Medium                  |
| Conduct Departure Procedures                                         |                                 |                                                                                                                                                                                                                        | Medium                  |
| Conduct Departure Procedures                                         |                                 |                                                                                                                                                                                                                        | Medium                  |
| Conduct Departure Procedures                                         |                                 |                                                                                                                                                                                                                        | Medium                  |
| Conduct Departure Procedures                                         |                                 |                                                                                                                                                                                                                        | Medium                  |
| Conduct Departure Procedures                                         |                                 |                                                                                                                                                                                                                        | Medium                  |
| Conduct Departure Procedures                                         |                                 |                                                                                                                                                                                                                        | Medium                  |
| Conduct Departure Procedures                                         |                                 |                                                                                                                                                                                                                        | Medium                  |
| Conduct Departure Procedures                                         |                                 |                                                                                                                                                                                                                        | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                           |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 |                                                                                                                                           |                              | Medium                  |
| Conduct Departure Procedures                 |                                                                                                                                           |                              | Medium                  |
| Conduct Departure Procedures                 | Can select the appropriate instrument departure procedure.                                                                                |                              | Medium                  |
| Conduct Departure Procedures                 | Can select, identify and use the appropriate communication facilities associated with the procedure                                       |                              | Medium                  |
| Conduct Departure Procedures                 | Can select, identify and use the appropriate navigation facilities associated with the procedure                                          |                              | Medium                  |
| Conduct Departure Procedures                 | Can perform programming the FMS prior to departure and execute avionics setup of flight director and autopilot controls for the departure |                              | Medium                  |
| Conduct Departure Procedures                 | Can use current and appropriate navigation publications or databases for the proposed flight                                              |                              | Medium                  |
| Conduct Departure Procedures                 | Can initiate two-way communications with the proper controlling agency                                                                    |                              | Medium                  |
| Conduct Departure Procedures                 | Can use proper phraseology and comply in a timely manner with all ATC instructions and airspace restrictions                              |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                |                                                                                                                                                  |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                | ATTITUDE LEARNING OBJECTIVES                                                                                                                     | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 | Can perform interception of courses, radials, and bearings appropriate to the procedure, route or clearance                                                    |                                                                                                                                                  | Medium                  |
| Conduct Departure Procedures                 | Can comply with all applicable charted procedures                                                                                                              |                                                                                                                                                  | Medium                  |
| Conduct Departure Procedures                 | Can maintain the appropriate airspeed $\pm 10$ knots, headings $\pm 10^\circ$ , and altitude $\pm 100$ feet, and accurately track a course, radial, or bearing |                                                                                                                                                  | Medium                  |
| Conduct Departure Procedures                 | Can execute the departure phase to a point where the transition to the en route environment is complete                                                        |                                                                                                                                                  | Medium                  |
| Conduct Departure Procedures                 |                                                                                                                                                                | Can identify, assess, and manage risks, encompassing failure to communicate with ATC or follow published procedures and required climb gradients | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                 |                                                                                                                                         |                         |
|----------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                 | ATTITUDE LEARNING OBJECTIVES                                                                                                            | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 |                                                                 | Can identify, assess, and manage risks, encompassing limitations of air traffic avoidance equipment and use of see and avoid techniques | Medium                  |
| Conduct Departure Procedures                 |                                                                 | Can identify, assess, and manage risks, encompassing improper automation management                                                     | Medium                  |
| Conduct Go-Around/Rejected Landing           |                                                                 |                                                                                                                                         | Medium                  |
| Conduct Go-Around/Rejected Landing           |                                                                 |                                                                                                                                         | Medium                  |
| Conduct Go-Around/Rejected Landing           |                                                                 |                                                                                                                                         | Medium                  |
| Conduct Go-Around/Rejected Landing           |                                                                 |                                                                                                                                         | Medium                  |
| Conduct Go-Around/Rejected Landing           |                                                                 |                                                                                                                                         | Medium                  |
| Conduct Go-Around/Rejected Landing           | Can initiate a timely decision to go-around/reject the landing. |                                                                                                                                         | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                              |                                                                                                                        |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                              | ATTITUDE LEARNING OBJECTIVES                                                                                           | TASK EXPECTATION RATING |
| Conduct Go-Around/Rejected Landing           | Can apply the appropriate power setting for the flight condition and establish a pitch attitude necessary to obtain the desired performance. |                                                                                                                        | Medium                  |
| Conduct Go-Around/Rejected Landing           | Can perform establishing a positive rate of climb and the appropriate airspeed/V-speed, $\pm 5$ knots.                                       |                                                                                                                        | Medium                  |
| Conduct Go-Around/Rejected Landing           | Can execute configuration and trimming of the airplane, when appropriate.                                                                    |                                                                                                                        | Medium                  |
| Conduct Go-Around/Rejected Landing           | Can perform radio calls as appropriate                                                                                                       |                                                                                                                        | Medium                  |
| Conduct Go-Around/Rejected Landing           | Can maintain the ground track, heading, or course appropriate for the conditions, or as specified by ATC .                                   |                                                                                                                        | Medium                  |
| Conduct Go-Around/Rejected Landing           | Can execute the appropriate procedures and checklist(s) in a timely manner.                                                                  |                                                                                                                        | Medium                  |
| Conduct Go-Around/Rejected Landing           |                                                                                                                                              | Can identify, assess, and manage risks, encompassing delayed recognition of the need for a go-around/rejected landing. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                                                 |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                    | TASK EXPECTATION RATING |
| Conduct Go-Around/Rejected Landing           |                                 | Can identify, assess, and manage risks, encompassing delayed performance of a go-around at low altitude.                                                        | Medium                  |
| Conduct Go-Around/Rejected Landing           |                                 | Can identify, assess, and manage risks, encompassing improper application of power.                                                                             | Medium                  |
| Conduct Go-Around/Rejected Landing           |                                 | Can identify, assess, and manage risks, encompassing improper airplane configuration.                                                                           | Medium                  |
| Conduct Go-Around/Rejected Landing           |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires vessels, vessels, persons, and wildlife. | Medium                  |
| Conduct Go-Around/Rejected Landing           |                                 | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                   | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                                      |                                                                                                                                                                                                                                                                                                  |                                                                                                                                |                         |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                             | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                                  | ATTITUDE LEARNING OBJECTIVES                                                                                                   | TASK EXPECTATION RATING |
| Conduct Go-Around/Rejected Landing                                                |                                                                                                                                                                                                                                                                                                  | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | Medium                  |
| Conduct Go-Around/Rejected Landing                                                |                                                                                                                                                                                                                                                                                                  | Can identify, assess, and manage risks, encompassing managing a go-around/rejected landing after accepting a LAHSO clearance.  | Medium                  |
| Conduct Go-Around/Rejected Landing                                                |                                                                                                                                                                                                                                                                                                  |                                                                                                                                | Medium                  |
| Conduct Go-Around/Rejected Landing                                                | Can describe, perform airborne system use for go-around, including consideration of height loss during transition to a go-around, performance assurance for obstacle clearance, management of any necessary mode changes, and assurance of appropriate vertical and lateral flightpath tracking. |                                                                                                                                | Medium                  |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                                                                                                                                                                                                                                                                                  |                                                                                                                                | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                                      |                                 |                                                                                                        |                         |
|-----------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                           | TASK EXPECTATION RATING |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                 |                                                                                                        | High                    |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                 |                                                                                                        | High                    |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                 |                                                                                                        | High                    |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                 | Can identify, assess, and manage risks encompassing Inoperative equipment discovered prior to flight.  | High                    |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                 | Can identify, assess, and manage risks encompassing external pressures and Aviation security concerns. | High                    |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A            |                                 |                                                                                                        | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A            |                                 |                                                                                                        | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                           |                                                                                                                                                                                                                     |                              |                         |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                  | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                     | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A |                                                                                                                                                                                                                     |                              | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A |                                                                                                                                                                                                                     |                              | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A |                                                                                                                                                                                                                     |                              | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A | Can perform smooth adjustment of pitch attitude, bank angle (15°-30°), and power setting either manually or with the autopilot engaged                                                                              |                              | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A | Can recognize the cues and execute prompt recovery at the first indication of an impending stall (e.g., buffet, stall horn, stick shaker, etc.)                                                                     |                              | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A | Can perform establishment of the landing configuration (i.e., lift/drag devices set and landing gear extended) and maintain coordinated flight in simulated or actual instrument conditions throughout the maneuver |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                           |                                                                                                                                                                                                         |                                                                                                                                                              |                         |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                  | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                         | ATTITUDE LEARNING OBJECTIVES                                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A | Can recognize the cues and execute prompt recovery at the first indication of an impending stall (e.g., buffet, stall horn, stick shaker, etc.)                                                         |                                                                                                                                                              | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A | Can execute a stall recovery in accordance with procedures set forth in the POH/AFM                                                                                                                     |                                                                                                                                                              | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A | Can execute retraction of the flaps or other lift/drag devices to the recommended setting, retract the landing gear after a positive rate of climb is established and return to the desired flight path |                                                                                                                                                              | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A |                                                                                                                                                                                                         | Can identify, assess, and manage risks encompassing factors and situations that could lead to an inadvertent stall, spin, and loss of control during landing | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                           |                                 |                                                                                                                                                               |                         |
|------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                  | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing range and limitations of stall warning indicators (e.g., aircraft buffet, stall horn, stick shaker, etc.) | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing failure to recognize and recover at the stall warning                                                     | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing improper stall recovery procedure                                                                         | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing secondary stalls, accelerated stalls, elevator trim stalls, and cross-control stalls                      | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                           |                                 |                                                                                                                                                                                                                          |                         |
|------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                  | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                             | TASK EXPECTATION RATING |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing the effect of environmental elements on aircraft performance while landing as it relates to stalls (e.g., turbulence, icing, microbursts, and high-density altitude) | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing stalls at a low altitude                                                                                                                                             | Medium                  |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks encompassing distractions, loss of situational awareness, or improper task management                                                                                             | Medium                  |
| Conduct Landing From a Precision Approach                              |                                 |                                                                                                                                                                                                                          | Medium                  |
| Conduct Landing From a Precision Approach                              |                                 |                                                                                                                                                                                                                          | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                                        |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    | Can maintain the desired airspeed, $\pm 5$ knots, and vertical and lateral guidance within $\frac{1}{4}$ -scale deflection of the indicators during the descent from DA/DH to a point where visual maneuvering is used to accomplish a normal landing. |                              | Medium                  |
| Conduct Landing From a Precision Approach    | Can comply with all ATC advisories, such as NOTAMs, windshear, wake turbulence, runway surface, braking conditions, and other operational considerations.                                                                                              |                              | Medium                  |
| Conduct Landing From a Precision Approach    | Can execute touch down at the appropriate speed and pitch attitude at the runway aiming point markings, -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway                              |                              | Medium                  |
| Conduct Landing From a Precision Approach    | Can maintain positive airplane control throughout the landing using drag and braking devices, as appropriate, to come to a stop.                                                                                                                       |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                  |                                                                                                                                                                                                       |                         |
|----------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                  | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    | Can demonstrate SRM or CRM, as appropriate.      |                                                                                                                                                                                                       | Medium                  |
| Conduct Landing From a Precision Approach    | Can apply runway incursion avoidance procedures. |                                                                                                                                                                                                       | Medium                  |
| Conduct Landing From a Precision Approach    |                                                  | Can identify, assess, and manage risks, encompassing selection of an approach procedure and runway based on pilot capability, aircraft limitations, available distance, surface conditions, and wind. | Medium                  |
| Conduct Landing From a Precision Approach    |                                                  | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                                                                 | Medium                  |
| Conduct Landing From a Precision Approach    |                                                  | Can identify, assess, and manage risks, encompassing planning for missed approach                                                                                                                     | Medium                  |
| Conduct Landing From a Precision Approach    |                                                  | Can identify, assess, and manage risks, encompassing planning for land and hold short operations (LAHSO)                                                                                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                                                                |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | Medium                  |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for low altitude maneuvering including stall, spin, or CFIT.                                                     | Medium                  |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for distractions, loss of situational awareness, or improper task management.                                    | Medium                  |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for attempting to land from an unstable approach.                                                                | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                   |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                      | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for flying below the glidepath.                                     | Medium                  |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for transitioning from instrument to visual references for landing. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    |                                 | Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting. | Medium                  |
| Conduct Landing From a Precision Approach    |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                              |                              |                         |
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| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    | Can perform proper reaction to significant airborne system failures experienced prior to and after reaching the final approach fix (FAF), MDA, DA/DH, or AH. Expected pilot response to failure after touchdown should be addressed as well. |                              | Medium                  |
| Conduct Landing From a Precision Approach    |                                                                                                                                                                                                                                              |                              | Medium                  |
| Conduct Landing From a Precision Approach    | Can recognize and execute appropriate actions in response to ground or navigation system faults, failures or abnormalities at any point during the approach and landing.                                                                     |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                              |                                                                                                                                                                                                                                                                                                               |                         |
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| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                              | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    |                                                                                                                                              | Can appreciate that pilots should be familiar with the need to report navigation system anomalies or discrepancies, failures of any lighting system (e.g., approach lights, runway lights, touchdown zone (TDZ) lights, centerline lights), or any other discrepancies that could be pertinent to operations. | Medium                  |
| Conduct Missed Approach                      |                                                                                                                                              |                                                                                                                                                                                                                                                                                                               | Medium                  |
| Conduct Missed Approach                      |                                                                                                                                              |                                                                                                                                                                                                                                                                                                               | Medium                  |
| Conduct Missed Approach                      |                                                                                                                                              |                                                                                                                                                                                                                                                                                                               | Medium                  |
| Conduct Missed Approach                      | Can apply the appropriate power setting for the flight condition and establish a pitch attitude necessary to obtain the desired performance. |                                                                                                                                                                                                                                                                                                               | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                    |                              |                         |
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| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                    | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach                      | Can perform retraction of the wing flaps/drag devices and landing gear, if appropriate, in the correct sequence and at a safe altitude, and initiate a positive rate of climb at the appropriate airspeed/V- speed, $\pm 5$ knots. |                              | Medium                  |
| Conduct Missed Approach                      | Can coordinate with crew and execute the appropriate procedures and checklist(s) in a timely manner.                                                                                                                               |                              | Medium                  |
| Conduct Missed Approach                      | Can comply with the published or alternate missed approach procedure.                                                                                                                                                              |                              | Medium                  |
| Conduct Missed Approach                      | Can coordinate with ATC if unable to comply with a clearance, restriction, or climb gradient.                                                                                                                                      |                              | Medium                  |
| Conduct Missed Approach                      | Can maintain the heading, course, or bearing $\pm 5^\circ$ , and altitude(s) $\pm 100$ feet during the missed approach procedure.                                                                                                  |                              | Medium                  |
| Conduct Missed Approach                      | Can use an MFD and other graphical navigation displays, if installed, to monitor position and track to help navigate the missed approach.                                                                                          |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                 |                                                                                                                                              |                         |
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| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                 | ATTITUDE LEARNING OBJECTIVES                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Missed Approach                      | Can demonstrate effective CRM                                                                                                                                                   |                                                                                                                                              | Medium                  |
| Conduct Missed Approach                      | Can execute re-engagement of the autopilot at appropriate times during the missed approach procedure.                                                                           |                                                                                                                                              | Medium                  |
| Conduct Missed Approach                      | Can obtain ATC clearance to attempt another approach, proceed to the alternate airport, holding fix, or other clearance limit, as appropriate, or as directed by the evaluator. |                                                                                                                                              | Medium                  |
| Conduct Missed Approach                      |                                                                                                                                                                                 | Can identify, assess, and manage risks, encompassing failure to follow prescribed procedures.                                                | Medium                  |
| Conduct Missed Approach                      |                                                                                                                                                                                 | Can identify, assess, and manage risks, encompassing holding, diverting, or electing to fly the approach again.                              | Medium                  |
| Conduct Missed Approach                      |                                                                                                                                                                                 | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1       |                                                                                                                                   |                                                                                                                                                                      |                         |
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| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                   | ATTITUDE LEARNING OBJECTIVES                                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Missed Approach                            |                                                                                                                                   | Can identify, assess, and manage risks, encompassing factors that might lead to executing a missed approach procedure before the MAP or to a go-around below DA/MDA. | Medium                  |
| Conduct Missed Approach                            |                                                                                                                                   | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems.                                                 | Medium                  |
| Conduct Missed Approach                            | Can execute a missed approach from the MDA, DA/DH, or AH.                                                                         |                                                                                                                                                                      | Medium                  |
| Conduct Missed Approach                            | Can execute a missed approach from a low altitude that could result in a touchdown during go-around (balked or rejected landing). |                                                                                                                                                                      | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                   |                                                                                                                                                                      | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                   |                                                                                                                                                                      | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                   |                                                                                                                                                                      | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1       |                                                                                                                                   |                              |                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                   |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can coordinate with crew and execute after landing checklists(s).                                                                 |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can perform radio calls as appropriate                                                                                            |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can maintain a ground track that ensures the desired traffic pattern will be flown taking into consideration obstructions and ATC |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can confirm the airplane is aligned with the correct/assigned runway or landing surface.                                          |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can scan runway or landing surface and adjoining area for traffic and obstructions.                                               |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can select a suitable touchdown point considering wind, landing surface, and obstructions.                                        |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1       |                                                                                                                                                                                                                                                                                   |                              |                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can perform establishing the recommended approach and landing configuration and airspeed, $\pm 5$ knots, and adjust pitch attitude and power as required to maintain a stabilized approach.                                                                                       |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can maintain directional control and appropriate crosswind correction throughout the approach and landing.                                                                                                                                                                        |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can perform smooth, timely, and correct control application before, during, and after touchdown.                                                                                                                                                                                  |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can execute touch down with the runway centerline between the main landing gear at the appropriate speed and pitch attitude at the runway aiming point markings -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1       |                                                                                                                                                                                                                                                            |                                                                                                                                                                                              |                         |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                            | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can execute deceleration to taxi speed (20 knots or less on dry pavement, 10 knots or less on contaminated pavement) to within the calculated landing distance plus 25% for the actual conditions with the runway centerline between the main landing gear |                                                                                                                                                                                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can execute a timely go-around if the approach cannot be made within the tolerances specified above or for any other condition that may result in an unsafe approach or landing.                                                                           |                                                                                                                                                                                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can apply runway incursion avoidance procedures.                                                                                                                                                                                                           |                                                                                                                                                                                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                                                                                                                                            | Can identify, assess, and manage risks, encompassing selection of a runway or approach path and touchdown area based aircraft limitations, available distance, surface conditions, and wind. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1       |                                 |                                                                                                                                                                   |                         |
|----------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                             | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing Go-Around/Rejected Landing                                                                                   | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing land and Hold Short Operations (LAHSO)                                                                       | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                     | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1       |                                                                                                                                                  |                                                                                                                                                                                |                         |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                  | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                                  | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, incorrect airport surface approach and landing, or improper task management. | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can execute normal landings at the lowest applicable minima for each authorized flight guidance and/or visual system.                            |                                                                                                                                                                                | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can perform manual rollout in low visibility at applicable minima. (except for aircraft using an automatic fail operational (FO) rollout system) |                                                                                                                                                                                | Medium                  |
| Conduct Normal Takeoff and Climb with Crosswind    |                                                                                                                                                  |                                                                                                                                                                                | High                    |
| Conduct Normal Takeoff and Climb with Crosswind    |                                                                                                                                                  |                                                                                                                                                                                | High                    |
| Conduct Normal Takeoff and Climb with Crosswind    |                                                                                                                                                  |                                                                                                                                                                                | High                    |
| Conduct Normal Takeoff and Climb with Crosswind    |                                                                                                                                                  |                                                                                                                                                                                | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1    |                                                                                                                                                                                        |                              |                         |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind | Can coordinate with crew and complete the appropriate checklist(s) prior to takeoff in a timely manner                                                                                 |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform radio calls as appropriate                                                                                                                                                 |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can verify assigned/correct runway                                                                                                                                                     |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can verify the airplane is configured for takeoff                                                                                                                                      |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can execute clearing of the area and taxi into takeoff position and align the airplane on the runway centerline                                                                        |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can maintain centerline and proper flight control inputs during the takeoff roll                                                                                                       |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can confirm takeoff power and proper engine and flight instrument indications prior to rotation and perform callouts as appropriate, for the airplane or per the operator's procedures |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform rotation and lift off at the recommended airspeed                                                                                                                          |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1    |                                                                                                                                             |                                                                                                                                                                           |                         |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING OBJECTIVES                                                                                                                                              | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind | Can maintain a power setting and a pitch attitude to maintain the desired climb airspeed/V-speed, $\pm 5$ knots for each climb segment      |                                                                                                                                                                           | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can maintain desired heading $\pm 5^\circ$                                                                                                  |                                                                                                                                                                           | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform Retraction of the landing gear and flaps in accordance with manufacturer or operator procedures and limitations, as appropriate |                                                                                                                                                                           | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform wake turbulence avoidance                                                                                                       |                                                                                                                                                                           | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can follow noise abatement procedures                                                                                                       |                                                                                                                                                                           | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can execute appropriate after-takeoff checklist(s) in a timely manner                                                                       |                                                                                                                                                                           | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                                                                                                                             | Can identify, assess, and manage risks, encompassing selection of a runway, or runway intersection aircraft limitations, available distance, surface conditions, and wind | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1    |                                 |                                                                                                                                                                  |                         |
|-------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                     | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can identify, assess, and manage risks, encompassing wake turbulence                                                                                             | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can demonstrate proper planning for rejected takeoff                                                                                                             | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can demonstrate proper planning for engine failure in takeoff phase of flight                                                                                    | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can demonstrate proper planning for engine failure in climb phase of flight                                                                                      | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can identify, assess, and manage risks, encompassing improper aircraft configuration or settings (e.g., trim, flaps, autobrakes, etc.)                           | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                                                                                                           |                                                          |                                                                                                                               |                         |
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| TASKS                                                                                                                                                  | MOTOR SKILL LEARNING OBJECTIVES                          | ATTITUDE LEARNING OBJECTIVES                                                                                                  | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind                                                                                                        |                                                          | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management | High                    |
| Conduct OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems                                                       |                                                          |                                                                                                                               | Medium                  |
| Conduct OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems                                                       | Can conduct approach operations utilizing C073 criteria. |                                                                                                                               | Medium                  |
| Conduct OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) |                                                          |                                                                                                                               | Medium                  |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A                                                                            |                                                          |                                                                                                                               | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                                |                                                                                                                                                                                                          |                              |                         |
|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                       | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A |                                                                                                                                                                                                          |                              | Medium                  |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A |                                                                                                                                                                                                          |                              | Medium                  |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A |                                                                                                                                                                                                          |                              | Medium                  |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A |                                                                                                                                                                                                          |                              | Medium                  |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A | Can recognize the cues and execute prompt recovery at the first indication of an impending stall (e.g., buffet, stall horn, stick shaker, etc.)                                                          |                              | Medium                  |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A | Can execute a stall recovery in accordance with procedures set forth in the POH/AFM                                                                                                                      |                              | Medium                  |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A | Can execute retraction of the flaps or other lift/drag devices to the recommended setting, retract the landing gear after a positive rate of climb is established, and return to the desired flight path |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                                |                                 |                                                                                                                                                                             |                         |
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| TASKS                                                                       | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                | TASK EXPECTATION RATING |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks, encompassing factors and situations that could lead to an inadvertent stall and loss of control during takeoff or while on approach | Medium                  |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks, encompassing range and limitations of stall warning indicators (e.g., aircraft buffet, stall horn, stick shaker, etc.)              | Medium                  |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks, encompassing failure to recognize and recover at the stall warning                                                                  | Medium                  |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks, encompassing improper stall recovery procedure                                                                                      | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1                                |                                 |                                                                                                                                                                                                                                            |                         |
|-----------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                       | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                               | TASK EXPECTATION RATING |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks, encompassing secondary stalls, accelerated stalls, elevator trim stalls, and cross-control stalls                                                                                                  | Medium                  |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks, encompassing the effect of environmental elements on aircraft performance while in a partial flap configuration as it relates to stalls (e.g., turbulence, microbursts, and high-density altitude) | Medium                  |
| Conduct Partial Flap Configuration Stall Prevention Maneuver per AC120-109A |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management                                                                                                              | Medium                  |
| Conduct Powerplant Start                                                    |                                 |                                                                                                                                                                                                                                            | High                    |
| Conduct Powerplant Start                                                    |                                 |                                                                                                                                                                                                                                            | High                    |
| Conduct Powerplant Start                                                    |                                 |                                                                                                                                                                                                                                            | High                    |
| Conduct Powerplant Start                                                    |                                 |                                                                                                                                                                                                                                            | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                            |                                                                                                                                          |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                            | ATTITUDE LEARNING OBJECTIVES                                                                                                             | TASK EXPECTATION RATING |
| Conduct Powerplant Start                     |                                                                                                            |                                                                                                                                          | High                    |
| Conduct Powerplant Start                     |                                                                                                            |                                                                                                                                          | High                    |
| Conduct Powerplant Start                     |                                                                                                            |                                                                                                                                          | High                    |
| Conduct Powerplant Start                     | Can ensure the ground safety procedures are followed during the before-start, start, and after-start phase |                                                                                                                                          | High                    |
| Conduct Powerplant Start                     | Can coordinate with crew and complete the appropriate checklist(s) prior to and after powerplant start.    |                                                                                                                                          | High                    |
| Conduct Powerplant Start                     |                                                                                                            | Can identify, assess, and manage risks encompassing malfunctions during powerplant start                                                 | High                    |
| Conduct Powerplant Start                     |                                                                                                            | Can identify, assess, and manage risks encompassing turbine powerplant safety                                                            | High                    |
| Conduct Powerplant Start                     |                                                                                                            | Can identify, assess, and manage risks encompassing managing situations where specific instructions or checklist items are not published | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                 |                                                                                                                                                                     |                         |
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| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                 | ATTITUDE LEARNING OBJECTIVES                                                                                                                                        | TASK EXPECTATION RATING |
| Conduct Powerplant Start                     |                                                                                                                                                 | Can identify, assess, and manage risks encompassing personnel, vehicles, vessels, foreign object debris, and other aircraft in the vicinity during powerplant start | High                    |
| Conduct Precision Approach                   |                                                                                                                                                 |                                                                                                                                                                     | Medium                  |
| Conduct Precision Approach                   |                                                                                                                                                 |                                                                                                                                                                     | Medium                  |
| Conduct Precision Approach                   |                                                                                                                                                 |                                                                                                                                                                     | Medium                  |
| Conduct Precision Approach                   |                                                                                                                                                 |                                                                                                                                                                     | Medium                  |
| Conduct Precision Approach                   | Can perform the precision instrument approaches selected by the instructor/evaluator.                                                           |                                                                                                                                                                     | Medium                  |
| Conduct Precision Approach                   | Can initiate two-way communications with ATC appropriate for the phase of flight or approach segment, and use proper communication phraseology. |                                                                                                                                                                     | Medium                  |
| Conduct Precision Approach                   | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach.     |                                                                                                                                                                     | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                             |                              |                         |
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| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can comply in a timely manner with all clearances, instructions, and procedures.                                                                                                                                            |                              | Medium                  |
| Conduct Precision Approach                   | Can recognize if any flight instrumentation is inaccurate or inoperative, and take appropriate action.                                                                                                                      |                              | Medium                  |
| Conduct Precision Approach                   | Can coordinate with ATC if unable to comply with a clearance.                                                                                                                                                               |                              | Medium                  |
| Conduct Precision Approach                   | Can maintain the appropriate airplane configuration and airspeed considering meteorological and operating conditions.                                                                                                       |                              | Medium                  |
| Conduct Precision Approach                   | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment.                      |                              | Medium                  |
| Conduct Precision Approach                   | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                     |                              |                         |
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| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                     | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can initiate and maintain a predetermined rate of descent which approximates that required for the aircraft to follow the vertical guidance, at the point where vertical guidance begins                                            |                              | Medium                  |
| Conduct Precision Approach                   | Can maintain a stabilized final approach from the Final Approach Fix (FAF) to DA/DH allowing no more than ¼-scale deflection of either the vertical or lateral guidance indications and maintain the desired airspeed $\pm 5$ knots |                              | Medium                  |
| Conduct Precision Approach                   | Can immediately initiate the missed approach procedures if the required visual references for the runway are not distinctly visible and identifiable upon reaching the DA/DH.                                                       |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                            |                                                                                                                                                      |                         |
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| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                            | ATTITUDE LEARNING OBJECTIVES                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can, upon reaching the DA/DH, perform a transition to a normal landing when the aircraft is in a position from which a descent to a landing on the runway can be made at a normal rate of descent using normal maneuvering |                                                                                                                                                      | Medium                  |
| Conduct Precision Approach                   | Can use an MFD and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath.                                                           |                                                                                                                                                      | Medium                  |
| Conduct Precision Approach                   |                                                                                                                                                                                                                            | Can identify, assess, and manage risks, encompassing failure to follow the correct approach procedure (e.g., descending below the glideslope, etc.). | Medium                  |
| Conduct Precision Approach                   |                                                                                                                                                                                                                            | Can identify, assess, and manage risks, encompassing selecting an incorrect navigation frequency.                                                    | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                              |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Precision Approach                   |                                 | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems.                         | Medium                  |
| Conduct Precision Approach                   |                                 | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | Medium                  |
| Conduct Precision Approach                   |                                 | Can identify, assess, and manage risks, encompassing an unstable approach, including excessive descent rates.                                | Medium                  |
| Conduct Precision Approach                   |                                 | Can identify, assess, and manage risks, encompassing deteriorating weather conditions on approach.                                           | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                       |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                  | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Precision Approach                   |                                                                                                                                                                                                                                                                                                                                                                                                  | Can identify, assess, and manage risks, encompassing continuing to descend below the Decision Altitude (DA)/Decision Height (DH) when the required visual references are not visible. | Medium                  |
| Conduct Precision Approach                   |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                       | Medium                  |
| Conduct Precision Approach                   | Can perform appropriate normal and non-normal procedures including crew duties, monitoring assignments, transfer of control during normal operations, appropriate automatic or crew-initiated call-outs, proper use of standard or special IAPs, applicable minima for normal configurations or for alternate or failure configurations, and reversion to higher minima in the event of failures |                                                                                                                                                                                       | Medium                  |
| Conduct Precision Approach                   |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                       | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                               | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can perform procedures to address the transition from electronic monitoring displays to external visual references for both PF and PM for systems that include such displays. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Medium                  |
| Conduct Precision Approach                   |                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Medium                  |
| Conduct Precision Approach                   |                                                                                                                                                                               | Can appreciate constraints for head winds, tail winds, crosswinds, and the effect of vertical and horizontal wind shear on automatic systems, flight directors (F/D), or other system (e.g., HUD, SVGS, etc.) performance. For systems such as HUDs that have a limited field of view (FOV), or synthetic reference systems, pilots should be familiar with the display limitations of these systems and expected pilot actions in the event that the aircraft reaches or exceeds a display limit capability. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                                                 |                                                                                                |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                 | ATTITUDE LEARNING OBJECTIVES                                                                   | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can execute types of instrument procedures approved for the air carrier (standard and special, lowest straight-in, or circling minima, if applicable); according to the operators manuals, charts and checklists, on the aircraft type, model and series flown. |                                                                                                | Medium                  |
| Conduct Precision Approach                   | Can use flight guidance and/or visual system(s) and their corresponding category(s) of minima for each authorized system;                                                                                                                                       |                                                                                                | Medium                  |
| Conduct Precision Approach                   | Can use NAVAID(s) and visual aids used (LVO/SMGCS lighting if applicable);                                                                                                                                                                                      |                                                                                                | Medium                  |
| Conduct Precision Approach                   | Can apply Flightcrew procedures used (e.g., PF/PM duties, monitored approach, or call-outs);                                                                                                                                                                    |                                                                                                | Medium                  |
| Conduct Precision Approach                   |                                                                                                                                                                                                                                                                 | Can demonstrate familiarization with airport and runway characteristics typically experienced; | Medium                  |
| Conduct Precision Approach                   |                                                                                                                                                                                                                                                                 |                                                                                                | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1   |                                                                                                                                                                                                                                                                                                                                                                                        |                              |                         |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                          | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                     | Can perform relevant normal, non-normal, and environmental conditions. Training and evaluation need only be conducted using relevant and representative procedures and conditions (e.g., a representative mix of day, night, dusk, variable/patchy conditions, representative temperatures, landing runway altitudes, precipitation conditions, turbulence, and icing conditions); and |                              | Medium                  |
| Conduct Precision Approach                     | Can respond appropriately to aircraft and ground system failures.                                                                                                                                                                                                                                                                                                                      |                              | Medium                  |
| Conduct Recovery From Unusual Flight Attitudes |                                                                                                                                                                                                                                                                                                                                                                                        |                              | Medium                  |
| Conduct Recovery From Unusual Flight Attitudes |                                                                                                                                                                                                                                                                                                                                                                                        |                              | Medium                  |
| Conduct Recovery From Unusual Flight Attitudes |                                                                                                                                                                                                                                                                                                                                                                                        |                              | Medium                  |
| Conduct Recovery From Unusual Flight Attitudes |                                                                                                                                                                                                                                                                                                                                                                                        |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1   |                                                                                                                                        |                                                                                                                                                                                   |                         |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                          | MOTOR SKILL LEARNING OBJECTIVES                                                                                                        | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Recovery From Unusual Flight Attitudes | Can use instrument cross-check and interpretation to identify a nose low unusual attitude                                              |                                                                                                                                                                                   | Medium                  |
| Conduct Recovery From Unusual Flight Attitudes | Can use instrument cross-check and interpretation to identify a nose high unusual attitude                                             |                                                                                                                                                                                   | Medium                  |
| Conduct Recovery From Unusual Flight Attitudes | Can apply the appropriate pitch, bank, and power corrections, in the correct sequence, to return to a stabilized level flight attitude |                                                                                                                                                                                   | Medium                  |
| Conduct Recovery From Unusual Flight Attitudes |                                                                                                                                        | Can identify, assess, and manage risks, encompassing situations that could lead to loss of control or unusual flight attitudes (e.g., stress, task saturation, and distractions). | Medium                  |
| Conduct Recovery From Unusual Flight Attitudes |                                                                                                                                        | Can identify, assess, and manage risks, encompassing exceeding the operating envelope during the recovery                                                                         | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1   |                                                                                                                        |                                                                                                                                              |                         |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                          | MOTOR SKILL LEARNING OBJECTIVES                                                                                        | ATTITUDE LEARNING OBJECTIVES                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Recovery From Unusual Flight Attitudes |                                                                                                                        | Can identify, assess, and manage risks, encompassing failure to recognize an unusual flight attitude and follow the proper recover procedure | Medium                  |
| Conduct Recovery From Unusual Flight Attitudes |                                                                                                                        | Can identify, assess, and manage risks, encompassing exceeding the operating envelope during the recovery                                    | Medium                  |
| Conduct Steep Turns                            |                                                                                                                        |                                                                                                                                              | Medium                  |
| Conduct Steep Turns                            |                                                                                                                        |                                                                                                                                              | Medium                  |
| Conduct Steep Turns                            |                                                                                                                        |                                                                                                                                              | Medium                  |
| Conduct Steep Turns                            |                                                                                                                        |                                                                                                                                              | Medium                  |
| Conduct Steep Turns                            |                                                                                                                        |                                                                                                                                              | Medium                  |
| Conduct Steep Turns                            |                                                                                                                        |                                                                                                                                              | Medium                  |
| Conduct Steep Turns                            | Can maintain the manufacturer's recommended airspeed; or if one is not available, an airspeed not to exceed VA         |                                                                                                                                              | Medium                  |
| Conduct Steep Turns                            | Can maintain at least a 45° bank solely by reference to instruments and make a coordinated steep turn of at least 180° |                                                                                                                                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                           |                                                                                                                                                   |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                           | ATTITUDE LEARNING OBJECTIVES                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Steep Turns                          | Can perform reversal of direction and establish at least a 45° bank solely by reference to instruments and make a coordinated steep turn of at least 180° |                                                                                                                                                   | Medium                  |
| Conduct Steep Turns                          | Can perform smooth pitch, bank, and power adjustments as needed                                                                                           |                                                                                                                                                   | Medium                  |
| Conduct Steep Turns                          | Can maintain the entry altitude $\pm 100$ feet, airspeed $\pm 10$ knots, bank $\pm 5^\circ$ , and roll out on the specified heading, $\pm 10^\circ$       |                                                                                                                                                   | Medium                  |
| Conduct Steep Turns                          | Can maintain avoidance of any indications of impending stall, abnormal flight attitude, or exceedance of any structural or operating limitation           |                                                                                                                                                   | Medium                  |
| Conduct Steep Turns                          |                                                                                                                                                           | Can identify, assess, and manage risks, encompassing spatial disorientation when conducting a steep turn while flying by reference to instruments | Medium                  |
| Conduct Steep Turns                          |                                                                                                                                                           | Can identify, assess, and manage risks, encompassing failure to maintain coordinated flight                                                       | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                               |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES                                                                                                  | TASK EXPECTATION RATING |
| Conduct Steep Turns                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management | Medium                  |
| Conduct Stick Shaker/Pusher Demonstration    | Can appreciate the STICK PUSHER. For airplanes equipped with a stick pusher, stall recovery training includes ground training and practical training in an FFS. It is important for pilots to experience the sudden forward movement of the control yoke/stick during a stick pusher activation. From observations, most instructors state that, regardless of previous academic training, pilots usually resist the stick pusher on their first encounter. Usually, they immediately pull back on the control yoke/stick rather than releasing pressure as they have been taught. Therefore, pilots must receive practical stick pusher training in an FFS to develop the proper response (allowing the pusher to reduce AOA) when confronted with a stick pusher activation. Stick pusher training should be completed as a demonstration/practice exercise, including repetitions, until the pilot's reaction is to permit the reduction in AOA even at low altitudes. Pilot response to a deliberate |                                                                                                                               | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                        |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
|                                              | activation of the pusher is not a checked maneuver.                                    |                              |                         |
| Conduct Stick Shaker/Pusher Demonstration    | Can conduct a stick pusher demonstration. See Appendix 2, Demonstration 2 for details. |                              | Medium                  |
| Conduct Taxi                                 |                                                                                        |                              | Low                     |
| Conduct Taxi                                 |                                                                                        |                              | Low                     |
| Conduct Taxi                                 |                                                                                        |                              | Low                     |
| Conduct Taxi                                 |                                                                                        |                              | Low                     |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                 |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                                                                                                                                                 |                              | Low                     |
| Conduct Taxi                                 |                                                                                                                                                                 |                              | Low                     |
| Conduct Taxi                                 |                                                                                                                                                                 |                              | Low                     |
| Conduct Taxi                                 |                                                                                                                                                                 |                              | Low                     |
| Conduct Taxi                                 | Can record taxi instructions, respond to taxi clearances, and review taxi routes on the airport diagram.                                                        |                              | Low                     |
| Conduct Taxi                                 | Can use an airport diagram or taxi chart during taxi                                                                                                            |                              | Low                     |
| Conduct Taxi                                 | Can comply with ATC clearances and instructions and observe all runway hold lines, ILS critical areas, beacons, and other airport/taxiway markings and lighting |                              | Low                     |
| Conduct Taxi                                 | Can coordinate with crew, if applicable, and complete the appropriate checklist(s) prior to and during taxi                                                     |                              | Low                     |
| Conduct Taxi                                 | Can maintain situational awareness during taxi                                                                                                                  |                              | Low                     |
| Conduct Taxi                                 | Can maintain correct and positive airplane control, proper speed, appropriate use of wheel brakes and reverse thrust                                            |                              | Low                     |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                               |                                                                                                                       |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                               | ATTITUDE LEARNING OBJECTIVES                                                                                          | TASK EXPECTATION RATING |
| Conduct Taxi                                 | Can maintain separation between other aircraft, vehicles, and persons to avoid an incursion/incident/accident |                                                                                                                       | Low                     |
| Conduct Taxi                                 | Can use aircraft exterior lighting for day and night operations                                               |                                                                                                                       | Low                     |
| Conduct Taxi                                 |                                                                                                               | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions                        | Low                     |
| Conduct Taxi                                 |                                                                                                               | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions | Low                     |
| Conduct Taxi                                 |                                                                                                               | Can identify, assess, and manage risks, encompassing a taxi route or departure runway change                          | Low                     |
| Conduct Taxi                                 |                                                                                                               | Can identify, assess, and manage risks, encompassing failure to complete checklist(s)                                 | Low                     |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                       | ATTITUDE LEARNING OBJECTIVES                                                        | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Can identify, assess, and manage risks, encompassing low visibility taxi operations | Low                     |
| Conduct Taxi                                 | Low visibility taxi and ground operations should be trained to the extent practical and beneficial. Such training should address operations at typical airports or alternately, at airports frequently experiencing low-visibility conditions, complex airports on the operator's route system, airports with particular low visibility ground movement difficulties, or rarely used but significant contingency airports, as determined appropriate by the operator. |                                                                                     | Low                     |
| Conduct Taxi                                 | perform either PF or PM duties, unless otherwise limited by the operator's policies or aircraft characteristics (e.g., single HUD).                                                                                                                                                                                                                                                                                                                                   |                                                                                     | Low                     |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     | Low                     |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     | Low                     |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     | Low                     |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     | Low                     |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     | Low                     |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     | Low                     |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                                                             |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                              | Low                     |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                              | Low                     |
| Conduct Taxi                                 | Can apply use of the airport diagram after receiving a clearance, and confirms and verbalizes the assigned runway and taxi route, including any instructions to hold short of, or cross, a runway. If there is any doubt, speaks up and resolve the uncertainty before taxi |                              | Low                     |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                              | Low                     |
| Conduct Taxi                                 | Can use airport diagram to follow progress of the taxi operation                                                                                                                                                                                                            |                              | Low                     |
| Conduct Taxi                                 | Can execute bringing the aircraft to a complete stop, or be in a phase of taxiing that has no risk of a runway incursion before continuing with operational duties and checklists                                                                                           |                              | Low                     |
| Conduct Taxi                                 | Can execute turning on the rotating beacon whenever an engine is running                                                                                                                                                                                                    |                              | Low                     |
| Conduct Taxi                                 | Can execute turning on navigation, position, anti-collision, and logo lights, if available, to signal intent to other pilots prior to commencing taxi                                                                                                                       |                              | Low                     |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                   |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Taxi                                 | Can execute turning on the taxi light when the aircraft is moving or intending to move on the ground, and turning it off when stopped or yielding or as a consideration to other pilots or ground personnel |                                                                                                                                                                                                                                                                                                   | Low                     |
| Conduct Taxi                                 | Can execute illuminating all lights when crossing a runway when appropriate                                                                                                                                 |                                                                                                                                                                                                                                                                                                   | Low                     |
| Conduct Taxi                                 |                                                                                                                                                                                                             | Can conduct a briefing on the timing and execution of aircraft checklists and company communications at the appropriate times and locations, ensuring the pilot who is not taxiing the aircraft can be available to participate in verbal coordination with the pilot who is taxiing the aircraft | Low                     |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                                                                                                                                                    |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                       | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can consider the anticipated duration of the taxi operation, the locations of hot spots/complex intersections and runway crossings, and the visibility along the taxi route when briefing tasks or accomplishing checklists                                        | Low                     |
| Conduct Taxi                                 |                                 | Can manage pilot workload and heads-down time during taxi by conducting predeparture checklists, including setting the takeoff flap setting, when the aircraft is stopped or while taxiing straight ahead on a taxiway without complex intersections and hot spots | Low                     |
| Conduct Taxi                                 |                                 | Can maintain a sterile cockpit during taxi operations                                                                                                                                                                                                              | Low                     |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                                                                                  |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                     | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can manage the risk of expectation bias, and follow the clearance or instructions that are actually received, and not the ones they expected to receive.                                         | Low                     |
| Conduct Taxi                                 |                                 | Can be alert to ATC instructions to hold short of an ILS critical area holding line.                                                                                                             | Low                     |
| Conduct Taxi                                 |                                 | Can monitor the aircraft's progress on the airport diagram to ensure that the pilot taxiing the aircraft is following the instructions received from the ATC while maintaining outside vigilance | Low                     |
| Conduct Taxi                                 |                                 | Can respond to all hold short instructions, and verifies with other crew members or ATC to ensure agreement and understanding                                                                    | Low                     |
| Conduct Taxi                                 |                                 | Can comply with hold short or crossing clearance when approaching an entrance to a runway.                                                                                                       | Low                     |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                                                                                                                                     |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                        | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can explain or demonstrate proper actions if the crew becomes disoriented: never stop on a runway, and initiate communications with ATC to regain orientation.                                                                                      | Low                     |
| Conduct Taxi                                 |                                 | Can demonstrate vigilance when instructed to taxi and “Line Up and Wait”. Turns Traffic Alert and Collision Avoidance System (TCAS)/traffic advisory systems (TAS) on in order obtain awareness of any aircraft that may be landing on your runway. | Low                     |
| Conduct Taxi                                 |                                 | Can determine whether or not to accept last-minute turnoff instructions from ATC, refusing such clearance unless the crew clearly understands the instructions and are certain that they can safely comply.                                         | Low                     |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                                                                                                                                                 |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                    | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can resolve all misunderstandings or disagreements regarding taxi clearance to the satisfaction of all flightcrew members before taxiing the aircraft.                                                                                                          | Low                     |
| Conduct Taxi                                 |                                 | Can coordinate with other flightcrew member(s) if stopping and resuming the monitoring of the ATC frequency, for example when it becomes necessary for a flightcrew member to stop monitoring any ATC frequency to prepare the aircraft for takeoff or landing. | Low                     |
| Conduct Taxi                                 |                                 | Can assess any upcoming hold short instructions or clearances that could be misinterpreted prior to stopping and after resuming monitoring of the taxi. An example may include: "I'm heads-down, right turn ahead at Alpha," or "I'm back, any changes?"        | Low                     |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                                                                                                                                                                                                                |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can appreciate that time away from monitoring ATC should be avoided with complex taxi routing or crossing of runways. Any instructions or information received or transmitted during that flightcrew member's absence from the ATC frequency should be reviewed and confirmed upon his or her return.                          | Low                     |
| Conduct Taxi                                 |                                 | Can coordinate verbally at complex intersections to be sure that: the intersection is correctly identified and confirmed using the airport diagram and the heading indicator                                                                                                                                                   | Low                     |
| Conduct Taxi                                 |                                 | Can state "approaching (specific runway number) hold short line. Before crossing any hold short line, the flightcrew should visually scan to the left and to the right, including the full length of the runway and its approach paths, and coordinate verbally (e.g., "clear right/left" or that the scan area is not clear). | Low                     |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 1 |                                 |                                                                                                                                                                                                                      |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can coordinate verbally and agree on the runway assigned by ATC, the upcoming assigned exit, and any restrictions, such as hold short points of an intersecting runway and the aircraft's parking area after landing | Low                     |
| Conduct Taxi                                 |                                 | Can consider any adverse effects to safety that illuminating the forward-facing lights will have on the vision of other pilots or ground personnel during runway crossings, and adjust operation accordingly         | Low                     |
| Conduct Taxi                                 |                                 |                                                                                                                                                                                                                      | Low                     |

#### 4.2 Course 1 – SIM 2 Learning Objectives

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                                                                                              |                         |
|----------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                |                                 | Can manage the risk of errors when assigned an RNAV DP and subsequently receives a change of runway, procedure or transition by verifying the appropriate changes are entered and available for navigation prior to takeoff. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                               |                              |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                               | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
|                                              |                                                                                                               |                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                               |                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                               |                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                               |                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                               |                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                               |                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                               |                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                               |                              | High                    |
| Conduct Before Takeoff Checks                |                                                                                                               |                              | High                    |
| Conduct Before Takeoff Checks                | Can determine the airplane's takeoff performance for actual conditions and planned departure runway           |                              | High                    |
| Conduct Before Takeoff Checks                | Can coordinate with crew and execute the appropriate checklist(s) prior to takeoff in a timely manner         |                              | High                    |
| Conduct Before Takeoff Checks                | Can confirm all systems checked are within an acceptable operating range and are safe for the proposed flight |                              | High                    |
| Conduct Before Takeoff Checks                | Can explain any system operating characteristic or limitation and                                             |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                          |                                                                                  |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES                                                     | TASK EXPECTATION RATING |
|                                              | any corrective action for a malfunction during the checks                                                                                                                                                                |                                                                                  |                         |
| Conduct Before Takeoff Checks                | Can determine airspeeds/V-speeds and set flight instruments appropriately                                                                                                                                                |                                                                                  | High                    |
| Conduct Before Takeoff Checks                | Can use flight director and autopilot controls for the current flight conditions and takeoff and departure clearances                                                                                                    |                                                                                  | High                    |
| Conduct Before Takeoff Checks                | Can perform configuration of navigation equipment for takeoff and departure clearances                                                                                                                                   |                                                                                  | High                    |
| Conduct Before Takeoff Checks                | Can configure communication equipment for takeoff and departure clearances                                                                                                                                               |                                                                                  | High                    |
| Conduct Before Takeoff Checks                | Can obtain and correctly interpret the takeoff and departure clearance                                                                                                                                                   |                                                                                  | High                    |
| Conduct Before Takeoff Checks                | Can conduct a briefing that includes procedures for emergency and abnormal situations (e.g., powerplant failure, windshear), which may be encountered during takeoff, and state the planned action if they were to occur |                                                                                  | High                    |
| Conduct Before Takeoff Checks                |                                                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing division of attention while | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                                                                |                         |
|----------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                   | TASK EXPECTATION RATING |
|                                              |                                 | conducting before takeoff checks                                                                                                                                                               |                         |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing an unexpected change in the runway to be used for departure                                                                               | High                    |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to verify performance data is correct and airspeeds and flight instruments are set for actual conditions and the departure runway | High                    |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to set navigation and communication equipment for departure                                                                       | High                    |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to configure autopilot and flight director controls for departure                                                                 | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                                                                                                                                            |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                               | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to account for adverse weather conditions prior to takeoff (e.g., snow, ice, gusting crosswinds, low-visibility)                                                                                              | High                    |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing A powerplant failure during takeoff or other malfunction considering operational factors such as airplane characteristics, runway/takeoff path length, surface conditions, environmental conditions, and obstructions | High                    |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to complete checklist(s)                                                                                                                                                                                      | High                    |
| Conduct Departure Procedures                 |                                 |                                                                                                                                                                                                                                                                            | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 |                                 |                              | High                    |
| Conduct Departure Procedures                 |                                 |                              | High                    |
| Conduct Departure Procedures                 |                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct<br>Departure<br>Procedures           |                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 |                                 |                              | High                    |
| Conduct Departure Procedures                 |                                 |                              | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                            |                              |                         |
|----------------------------------------------|------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 |                                                            |                              | High                    |
| Conduct Departure Procedures                 |                                                            |                              | High                    |
| Conduct Departure Procedures                 |                                                            |                              | High                    |
| Conduct Departure Procedures                 | Can select the appropriate instrument departure procedure. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                           |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 | Can select, identify and use the appropriate communication facilities associated with the procedure                                       |                              | High                    |
| Conduct Departure Procedures                 | Can select, identify and use the appropriate navigation facilities associated with the procedure                                          |                              | High                    |
| Conduct Departure Procedures                 | Can perform programming the FMS prior to departure and execute avionics setup of flight director and autopilot controls for the departure |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                              |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 | Can use current and appropriate navigation publications or databases for the proposed flight |                              | High                    |
| Conduct Departure Procedures                 | Can initiate two-way communications with the proper controlling agency                       |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                              |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 | Can use proper phraseology and comply in a timely manner with all ATC instructions and airspace restrictions |                              | High                    |
| Conduct Departure Procedures                 | Can perform interception of courses, radials, and bearings appropriate to the procedure, route or clearance  |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                   |                              |                         |
|----------------------------------------------|---------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 | Can comply with all applicable charted procedures |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 | Can maintain the appropriate airspeed $\pm 10$ knots, headings $\pm 10^\circ$ , and altitude $\pm 100$ feet, and accurately track a course, radial, or bearing |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                         |                                                                                                                                                  |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                         | ATTITUDE LEARNING OBJECTIVES                                                                                                                     | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 | Can execute the departure phase to a point where the transition to the en route environment is complete |                                                                                                                                                  | High                    |
| Conduct Departure Procedures                 |                                                                                                         | Can identify, assess, and manage risks, encompassing failure to communicate with ATC or follow published procedures and required climb gradients | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                         |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                            | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 |                                 | Can identify, assess, and manage risks, encompassing limitations of air traffic avoidance equipment and use of see and avoid techniques | High                    |
| Conduct Departure Procedures                 |                                 | Can identify, assess, and manage risks, encompassing improper automation management                                                     | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2        |                                                                                      |                                                                                                                                     |                         |
|-----------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                               | MOTOR SKILL LEARNING OBJECTIVES                                                      | ATTITUDE LEARNING OBJECTIVES                                                                                                        | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - EGPWS escape maneuver | Can coordinate with crew and execute the appropriate checklist(s) in a timely manner |                                                                                                                                     | Medium                  |
| Conduct Emergency Procedure - EGPWS escape maneuver | Can perform communication with ATC as appropriate for the situation.                 |                                                                                                                                     | Medium                  |
| Conduct Emergency Procedure - EGPWS escape maneuver |                                                                                      | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency.             | Medium                  |
| Conduct Emergency Procedure - EGPWS escape maneuver |                                                                                      | Can identify, assess, and manage risks, encompassing multiple failures or system abnormalities.                                     | Medium                  |
| Conduct Emergency Procedure - EGPWS escape maneuver |                                                                                      | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2                          |                                                                                                                                             |                                                                                                                                |                         |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                 | MOTOR SKILL LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING OBJECTIVES                                                                                                   | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - EGPWS escape maneuver                   |                                                                                                                                             | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | Medium                  |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                                                                                                                             |                                                                                                                                | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                                                                                                                             |                                                                                                                                | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can recognize and correctly identify powerplant failure, execute memory items, and maintain positive airplane control.                      |                                                                                                                                | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can coordinate with crew and execute the appropriate emergency procedures and checklist(s) for propeller feathering or powerplant shutdown. |                                                                                                                                | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required      |                                                                                                                                | Low                     |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2                          |                                                                                                                                                                                       |                              |                         |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                 | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can determine the cause for the powerplant failure and assess if a restart is a viable option.                                                                                        |                              | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can maintain the operating powerplant(s) within acceptable operating limits.                                                                                                          |                              | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can maintain airspeed $\pm 10$ knots, specified heading $\pm 10^\circ$ and altitude $\pm 100$ feet as specified                                                                       |                              | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can assess powerplant restart and, if appropriate, demonstrate the powerplant restart procedures in accordance with the manufacturer or operator specified procedures and checklists. |                              | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can select the nearest suitable airport or landing area.                                                                                                                              |                              | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can perform communication with ATC as appropriate for the situation.                                                                                                                  |                              | Low                     |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2                          |                                 |                                                                                                                                                                   |                         |
|-----------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                 | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure during flight.                                                      | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing failure to follow checklist procedures for a powerplant failure or a powerplant restart.                     | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing incorrect diagnosis of the cause of the powerplant failure.                                                  | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing improper airplane configuration.                                                                             | Low                     |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing factors and situations that could lead to an inadvertent stall, spin, and loss of control                    | Low                     |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2                           |                                                                                                                                                                                                                                                             |                                                                                                                                |                         |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                  | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES                                                                                                   | TASK EXPECTATION RATING |
|                                                                        |                                                                                                                                                                                                                                                             | with an inflight powerplant failure.                                                                                           |                         |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart  |                                                                                                                                                                                                                                                             | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | Low                     |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can execute continued takeoff following failures including engine failure after V1, and any critical failures for the aircraft type that could lead to lateral asymmetry during the takeoff;                                                                |                                                                                                                                | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                                                                                                                                                                                                                                             |                                                                                                                                | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                                                                                                                                                                                                                                             |                                                                                                                                | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can execute continued takeoff if the powerplant failure occurs at a point where the airplane can continue to a specified airspeed and altitude at the end of the runway commensurate with the airplane's performance capabilities and operating limitations |                                                                                                                                | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can maintain the desired airspeed, $\pm 5$ knots after establishing a climb, and use flight controls in the proper combination as recommended by the manufacturer, to maintain best performance and trim                                                    |                                                                                                                                | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2                           |                                                                                                                                        |                                                                                                                                                                                                                                                                                        |                         |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                  | MOTOR SKILL LEARNING OBJECTIVES                                                                                                        | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                           | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required |                                                                                                                                                                                                                                                                                        | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can maintain the appropriate heading, $\pm 5^\circ$ , when powerplant failure occurs                                                   |                                                                                                                                                                                                                                                                                        | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can coordinate with crew and execute the appropriate checklist(s) following the powerplant failure.                                    |                                                                                                                                                                                                                                                                                        | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can perform communication with ATC and the evaluator, as appropriate for the situation.                                                |                                                                                                                                                                                                                                                                                        | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                                                                                                                        | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure during takeoff considering operational factors such as takeoff warning inhibit systems, runway/takeoff path length, surface conditions, environment, obstructions, and LAHSO operations. | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                                                                                                                        | Can identify, assess, and manage risks, encompassing failure to brief the plan for a powerplant failure during                                                                                                                                                                         | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2                           |                                 |                                                                                                                                           |                         |
|------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                  | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                              | TASK EXPECTATION RATING |
|                                                                        |                                 | takeoff, in a crew environment.                                                                                                           |                         |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                 | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency.                   | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                 | Can identify, assess, and manage risks, encompassing failure to correctly identify the inoperative engine (AMEL, AMES).                   | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                 | Can identify, assess, and manage risks, encompassing inability to climb or maintain altitude with an inoperative powerplant (AMEL, AMES). | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                 | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency.       | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                 | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                             | Medium                  |
| Conduct Emergency Procedure - Powerplant                               |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of                                                                | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2                                                                                                                                                             |                                                                                                       |                                                     |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------|
| TASKS                                                                                                                                                                                                    | MOTOR SKILL LEARNING OBJECTIVES                                                                       | ATTITUDE LEARNING OBJECTIVES                        | TASK EXPECTATION RATING |
| Failure During Second Segment                                                                                                                                                                            |                                                                                                       | situational awareness, or improper task management. |                         |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can perform the use of navigation systems including procedure selection and ILS look-alike principle: |                                                     | Medium                  |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can perform flying of a procedure                                                                     |                                                     | Medium                  |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical                                                                  | Can perform setup and interpretation of electronic displays and symbols.                              |                                                     | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2                                                                                                                                                             |                                      |                              |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                                                                    | MOTOR SKILL LEARNING OBJECTIVES      | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| guidance lines of minima using the wide area augmentation system                                                                                                                                         |                                      |                              |                         |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can execute use of LNAV mode(s).     |                              | Medium                  |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can execute use of VNAV mode(s).     |                              | Medium                  |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer                                                                                               | Can apply ATC procedures/phraseology |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2                                                                                                                                                             |                                                                            |                              |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                                                                    | MOTOR SKILL LEARNING OBJECTIVES                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| performance without vertical guidance lines of minima using the wide area augmentation system                                                                                                            |                                                                            |                              |                         |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can apply functionality of vector to final mode                            |                              | Medium                  |
| Conduct Holding                                                                                                                                                                                          |                                                                            |                              | Medium                  |
| Conduct Holding                                                                                                                                                                                          |                                                                            |                              | Medium                  |
| Conduct Holding                                                                                                                                                                                          |                                                                            |                              | Medium                  |
| Conduct Holding                                                                                                                                                                                          |                                                                            |                              | Medium                  |
| Conduct Holding                                                                                                                                                                                          | Can identify instrument navigation aids associated with the assigned hold. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                          |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Holding                              | Can apply the appropriate entry procedure for a standard, nonstandard, published, or non-published holding pattern.                                      |                              | Medium                  |
| Conduct Holding                              | Can change to the appropriate holding airspeed for the airplane and holding altitude to cross the holding fix at or below maximum holding airspeed       |                              | Medium                  |
| Conduct Holding                              | Can comply with the holding pattern leg length and other restrictions, if applicable, associated with the holding pattern.                               |                              | Medium                  |
| Conduct Holding                              | Can comply with ATC reporting requirements.                                                                                                              |                              | Medium                  |
| Conduct Holding                              | Can use proper wind correction procedures to maintain the desired pattern and to arrive over the fix as close as possible to a specified time.           |                              | Medium                  |
| Conduct Holding                              | Can maintain the airspeed $\pm 10$ knots, altitude $\pm 100$ feet, headings $\pm 10^\circ$ , and accurately track a selected course, radial, or bearing. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                               |                                                                                                                                                         |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                               | ATTITUDE LEARNING OBJECTIVES                                                                                                                            | TASK EXPECTATION RATING |
| Conduct Holding                              | Can use automation to include autopilot, flight director controls, and navigation displays associated with the assigned hold. |                                                                                                                                                         | Medium                  |
| Conduct Holding                              | Can calculate fuel reserve calculations based on EFC times.                                                                   |                                                                                                                                                         | Medium                  |
| Conduct Holding                              |                                                                                                                               | Can identify, assess, and manage risks, encompassing recalculating fuel reserves if assigned an unanticipated EFC time.                                 | Medium                  |
| Conduct Holding                              |                                                                                                                               | Can identify, assess, and manage risks, encompassing scenarios and circumstances that could result in minimum fuel or the need to declare an emergency. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                         |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                            | TASK EXPECTATION RATING |
| Conduct Holding                              |                                 | Can describe scenarios that could lead to holding, including deteriorating weather at the planned destination.          | Medium                  |
| Conduct Holding                              |                                 | Can identify, assess, and manage risks, encompassing improper holding entry and improper wind correction while holding. | Medium                  |
| Conduct Holding                              |                                 | Can identify, assess, and manage risks, encompassing holding while in icing conditions.                                 | Medium                  |
| Conduct Holding                              |                                 | Can identify, assess, and manage risks, encompassing improper automation management.                                    | Medium                  |
| Conduct Missed Approach                      |                                 |                                                                                                                         | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                                    |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                    | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach                      |                                                                                                                                                                                                                                    |                              | Medium                  |
| Conduct Missed Approach                      |                                                                                                                                                                                                                                    |                              | Medium                  |
| Conduct Missed Approach                      | Can apply the appropriate power setting for the flight condition and establish a pitch attitude necessary to obtain the desired performance.                                                                                       |                              | Medium                  |
| Conduct Missed Approach                      | Can perform retraction of the wing flaps/drag devices and landing gear, if appropriate, in the correct sequence and at a safe altitude, and initiate a positive rate of climb at the appropriate airspeed/V- speed, $\pm 5$ knots. |                              | Medium                  |
| Conduct Missed Approach                      | Can coordinate with crew and execute the appropriate procedures and checklist(s) in a timely manner.                                                                                                                               |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                           |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach                      | Can comply with the published or alternate missed approach procedure.                                                                     |                              | Medium                  |
| Conduct Missed Approach                      | Can coordinate with ATC if unable to comply with a clearance, restriction, or climb gradient.                                             |                              | Medium                  |
| Conduct Missed Approach                      | Can maintain the heading, course, or bearing $\pm 5^\circ$ , and altitude(s) $\pm 100$ feet during the missed approach procedure.         |                              | Medium                  |
| Conduct Missed Approach                      | Can use an MFD and other graphical navigation displays, if installed, to monitor position and track to help navigate the missed approach. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                 |                                                                                                                 |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                 | ATTITUDE LEARNING OBJECTIVES                                                                                    | TASK EXPECTATION RATING |
| Conduct Missed Approach                      | Can demonstrate effective CRM                                                                                                                                                   |                                                                                                                 | Medium                  |
| Conduct Missed Approach                      | Can execute re-engagement of the autopilot at appropriate times during the missed approach procedure.                                                                           |                                                                                                                 | Medium                  |
| Conduct Missed Approach                      | Can obtain ATC clearance to attempt another approach, proceed to the alternate airport, holding fix, or other clearance limit, as appropriate, or as directed by the evaluator. |                                                                                                                 | Medium                  |
| Conduct Missed Approach                      |                                                                                                                                                                                 | Can identify, assess, and manage risks, encompassing failure to follow prescribed procedures.                   | Medium                  |
| Conduct Missed Approach                      |                                                                                                                                                                                 | Can identify, assess, and manage risks, encompassing holding, diverting, or electing to fly the approach again. | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                   |                                                                                                                                                                      |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                   | ATTITUDE LEARNING OBJECTIVES                                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Missed Approach                      |                                                                                                                                   | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach.                         | Medium                  |
| Conduct Missed Approach                      |                                                                                                                                   | Can identify, assess, and manage risks, encompassing factors that might lead to executing a missed approach procedure before the MAP or to a go-around below DA/MDA. | Medium                  |
| Conduct Missed Approach                      |                                                                                                                                   | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems.                                                 | Medium                  |
| Conduct Missed Approach                      | Can execute a missed approach from the MDA, DA/DH, or AH.                                                                         |                                                                                                                                                                      | Medium                  |
| Conduct Missed Approach                      | Can execute a missed approach from a low altitude that could result in a touchdown during go-around (balked or rejected landing). |                                                                                                                                                                      | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                                                      |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                |                                 |                                                                                                                                                                                      | Medium                  |
| Conduct Nonprecision Approach                |                                 |                                                                                                                                                                                      | Medium                  |
| Conduct Nonprecision Approach                |                                 |                                                                                                                                                                                      | Medium                  |
| Conduct Nonprecision Approach                |                                 | Can appreciate that there are environments in which using CDFA technique is not advisable or practical, for example airports that do not offer straight in non-precision approaches. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |
| Conduct Nonprecision Approach                |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                 |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can perform the nonprecision instrument approaches selected by the instructor/evaluator                                                         |                              | Medium                  |
| Conduct Nonprecision Approach                | Can initiate two-way communications with ATC appropriate for the phase of flight or approach segment, and use proper communication phraseology. |                              | Medium                  |
| Conduct Nonprecision Approach                | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach.     |                              | Medium                  |
| Conduct Nonprecision Approach                | Can Comply with all clearances issued by ATC .                                                                                                  |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                        |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can recognize if any flight instrumentation is inaccurate or inoperative, and take appropriate action.                                                                                                 |                              | Medium                  |
| Conduct Nonprecision Approach                | Can coordinate with ATC if unable to comply with a clearance.                                                                                                                                          |                              | Medium                  |
| Conduct Nonprecision Approach                | Can maintain the appropriate airplane configuration and airspeed considering meteorological and operating conditions.                                                                                  |                              | Medium                  |
| Conduct Nonprecision Approach                | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                                                             |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category                                 |                              | Medium                  |
| Conduct Nonprecision Approach                | Can maintain a stabilized descent to the appropriate altitude.                                                                                                                                                                                              |                              | Medium                  |
| Conduct Nonprecision Approach                | Can maintain no more than ¼ scale CDI deflection, airspeed $\pm 5$ knots of selected value, and altitude above MDA $+50/-0$ feet (to the VDP or MAP) during the final approach segment                                                                      |                              | Medium                  |
| Conduct Nonprecision Approach                | Can execute the missed approach procedure if the required visual references are not distinctly visible and identifiable at the appropriate point or altitude for the approach profile, or execute a normal landing from a straight-in or circling approach. |                              | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                          |                                                                                                                                           |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES                                                                                                              | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can use a Multi-Function Display (MFD) and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath. |                                                                                                                                           | Medium                  |
| Conduct Nonprecision Approach                |                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing Failure to follow the correct approach procedure (e.g., descending too early, etc.). | Medium                  |
| Conduct Nonprecision Approach                |                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing Selecting an incorrect navigation frequency.                                         | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                              |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                |                                 | Can identify, assess, and manage risks, encompassing Failure to manage automated navigation and auto flight systems.                         | Medium                  |
| Conduct Nonprecision Approach                |                                 | Can identify, assess, and manage risks, encompassing Failure to ensure proper airplane configuration during an approach and missed approach. | Medium                  |
| Conduct Nonprecision Approach                |                                 | Can identify, assess, and manage risks, encompassing An unstable approach, including excessive descent rates.                                | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2       |                                 |                                                                                                                                                                                                |                         |
|----------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                      |                                 | Can identify, assess, and manage risks, encompassing Deteriorating weather conditions on approach.                                                                                             | Medium                  |
| Conduct Nonprecision Approach                      |                                 | Can identify, assess, and manage risks, encompassing Operating below the minimum descent altitude (MDA) or continuing a descent below decision altitude (DA) without proper visual references. | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                 |                                                                                                                                                                                                | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                 |                                                                                                                                                                                                | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2       |                                                                                                                                   |                              |                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                   |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                   |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can coordinate with crew and execute after landing checklists(s).                                                                 |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can perform radio calls as appropriate                                                                                            |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can maintain a ground track that ensures the desired traffic pattern will be flown taking into consideration obstructions and ATC |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2       |                                                                                                                                                                                             |                              |                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can confirm the airplane is aligned with the correct/assigned runway or landing surface.                                                                                                    |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can scan runway or landing surface and adjoining area for traffic and obstructions.                                                                                                         |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can select a suitable touchdown point considering wind, landing surface, and obstructions.                                                                                                  |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can perform establishing the recommended approach and landing configuration and airspeed, $\pm 5$ knots, and adjust pitch attitude and power as required to maintain a stabilized approach. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2       |                                                                                                                                                                                                                                                                                   |                              |                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can maintain directional control and appropriate crosswind correction throughout the approach and landing.                                                                                                                                                                        |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can perform smooth, timely, and correct control application before, during, and after touchdown.                                                                                                                                                                                  |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can execute touch down with the runway centerline between the main landing gear at the appropriate speed and pitch attitude at the runway aiming point markings -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2       |                                                                                                                                                                                                                                                            |                                                                                                                                                                                              |                         |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                            | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can execute deceleration to taxi speed (20 knots or less on dry pavement, 10 knots or less on contaminated pavement) to within the calculated landing distance plus 25% for the actual conditions with the runway centerline between the main landing gear |                                                                                                                                                                                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can execute a timely go-around if the approach cannot be made within the tolerances specified above or for any other condition that may result in an unsafe approach or landing.                                                                           |                                                                                                                                                                                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can apply runway incursion avoidance procedures.                                                                                                                                                                                                           |                                                                                                                                                                                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                                                                                                                                            | Can identify, assess, and manage risks, encompassing selection of a runway or approach path and touchdown area based aircraft limitations, available distance, surface conditions, and wind. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2       |                                 |                                                                                                                                                                   |                         |
|----------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                             | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing Go-Around/Rejected Landing                                                                                   | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing land and Hold Short Operations (LAHSO)                                                                       | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | Medium                  |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                     | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2       |                                                                                                                                                  |                                                                                                                                                                                |                         |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                  | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                                  | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, incorrect airport surface approach and landing, or improper task management. | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can execute normal landings at the lowest applicable minima for each authorized flight guidance and/or visual system.                            |                                                                                                                                                                                | Medium                  |
| Conduct Normal Approach and Landing with Crosswind | Can perform manual rollout in low visibility at applicable minima. (except for aircraft using an automatic fail operational (FO) rollout system) |                                                                                                                                                                                | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2       |                                                                                                                                                                                    |                              |                         |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                    | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can perform landings at the limiting environmental conditions authorized for that operator with respect to wind, crosswind components, and runway surface friction characteristics |                              | Medium                  |
| Conduct Normal Takeoff and Climb with Crosswind    |                                                                                                                                                                                    |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2    |                                 |                              |                         |
|-------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind |                                 |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2    |                                                                                                        |                              |                         |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind | Can coordinate with crew and complete the appropriate checklist(s) prior to takeoff in a timely manner |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform radio calls as appropriate                                                                 |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can verify assigned/correct runway                                                                     |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2    |                                                                                                                                                                                        |                              |                         |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind | Can verify the airplane is configured for takeoff                                                                                                                                      |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can execute clearing of the area and taxi into takeoff position and align the airplane on the runway centerline                                                                        |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can maintain centerline and proper flight control inputs during the takeoff roll                                                                                                       |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can confirm takeoff power and proper engine and flight instrument indications prior to rotation and perform callouts as appropriate, for the airplane or per the operator's procedures |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2    |                                                                                                                                             |                              |                         |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform rotation and lift off at the recommended airspeed                                                                               |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can maintain a power setting and a pitch attitude to maintain the desired climb airspeed/V-speed, $\pm 5$ knots for each climb segment      |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can maintain desired heading $\pm 5^\circ$                                                                                                  |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform Retraction of the landing gear and flaps in accordance with manufacturer or operator procedures and limitations, as appropriate |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2    |                                                                       |                              |                         |
|-------------------------------------------------|-----------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform wake turbulence avoidance                                 |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can follow noise abatement procedures                                 |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can execute appropriate after-takeoff checklist(s) in a timely manner |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2    |                                 |                                                                                                                                                                           |                         |
|-------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                              | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can identify, assess, and manage risks, encompassing selection of a runway, or runway intersection aircraft limitations, available distance, surface conditions, and wind | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can identify, assess, and manage risks, encompassing wake turbulence                                                                                                      | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2    |                                 |                                                                                                                                        |                         |
|-------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                           | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can demonstrate proper planning for rejected takeoff                                                                                   | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can demonstrate proper planning for engine failure in takeoff phase of flight                                                          | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can demonstrate proper planning for engine failure in climb phase of flight                                                            | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can identify, assess, and manage risks, encompassing improper aircraft configuration or settings (e.g., trim, flaps, autobrakes, etc.) | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2    |                                                                                                                                                                                                     |                                                                                                                                                                  |                         |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                     | ATTITUDE LEARNING OBJECTIVES                                                                                                                                     | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind |                                                                                                                                                                                                     | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                                                                                                                                                                                     | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management                                    | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform takeoff in limiting crosswinds, winds, gusts, and runway surface friction to levels authorized. Training should be done at weights or on runways that represent a critical field length |                                                                                                                                                                  | High                    |
| Conduct OEI Climb to En Route Altitude          |                                                                                                                                                                                                     |                                                                                                                                                                  | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2                                                     |                                                                                          |                              |                         |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                            | MOTOR SKILL LEARNING OBJECTIVES                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct OEI Climb to En Route Altitude                                                           | Can conduct an OEI climb enroute at either $V_{se}$ or greater, depending on conditions. |                              | Medium                  |
| Conduct OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems |                                                                                          |                              | High                    |
| Conduct OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems | Can conduct approach operations utilizing C073 criteria.                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2                                                                                                           |                                 |                              |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                  | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) |                                 |                              | High                    |
| Conduct Powerplant Start                                                                                                                               |                                 |                              | High                    |
| Conduct Powerplant Start                                                                                                                               |                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Powerplant Start                     |                                 |                              | High                    |
| Conduct Powerplant Start                     |                                 |                              | High                    |
| Conduct Powerplant Start                     |                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                            |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Powerplant Start                     |                                                                                                            |                              | High                    |
| Conduct Powerplant Start                     |                                                                                                            |                              | High                    |
| Conduct Powerplant Start                     | Can ensure the ground safety procedures are followed during the before-start, start, and after-start phase |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                         |                                                                                          |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                         | ATTITUDE LEARNING OBJECTIVES                                                             | TASK EXPECTATION RATING |
| Conduct Powerplant Start                     | Can coordinate with crew and complete the appropriate checklist(s) prior to and after powerplant start. |                                                                                          | High                    |
| Conduct Powerplant Start                     | Can identify an abnormal start or malfunction and execute the correct procedure                         |                                                                                          | High                    |
| Conduct Powerplant Start                     |                                                                                                         | Can identify, assess, and manage risks encompassing malfunctions during powerplant start | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                                     |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                        | TASK EXPECTATION RATING |
| Conduct Powerplant Start                     |                                 | Can identify, assess, and manage risks encompassing turbine powerplant safety                                                                                       | High                    |
| Conduct Powerplant Start                     |                                 | Can identify, assess, and manage risks encompassing managing situations where specific instructions or checklist items are not published                            | High                    |
| Conduct Powerplant Start                     |                                 | Can identify, assess, and manage risks encompassing personnel, vehicles, vessels, foreign object debris, and other aircraft in the vicinity during powerplant start | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 |                              | Medium                  |
| Conduct Taxi                                 |                                 |                              | Medium                  |
| Conduct Taxi                                 |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 |                              | Medium                  |
| Conduct Taxi                                 |                                 |                              | Medium                  |
| Conduct Taxi                                 |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                          |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                                                                                          |                              | Medium                  |
| Conduct Taxi                                 |                                                                                                          |                              | Medium                  |
| Conduct Taxi                                 | Can record taxi instructions, respond to taxi clearances, and review taxi routes on the airport diagram. |                              | Medium                  |
| Conduct Taxi                                 | Can use an airport diagram or taxi chart during taxi                                                     |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                 |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 | Can comply with ATC clearances and instructions and observe all runway hold lines, ILS critical areas, beacons, and other airport/taxiway markings and lighting |                              | Medium                  |
| Conduct Taxi                                 | Can coordinate with crew, if applicable, and complete the appropriate checklist(s) prior to and during taxi                                                     |                              | Medium                  |
| Conduct Taxi                                 | Can maintain situational awareness during taxi                                                                                                                  |                              | Medium                  |
| Conduct Taxi                                 | Can maintain correct and positive airplane control, proper speed, appropriate use of wheel brakes and reverse thrust                                            |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                               |                                                                                                |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                               | ATTITUDE LEARNING OBJECTIVES                                                                   | TASK EXPECTATION RATING |
| Conduct Taxi                                 | Can maintain separation between other aircraft, vehicles, and persons to avoid an incursion/incident/accident |                                                                                                | Medium                  |
| Conduct Taxi                                 | Can use aircraft exterior lighting for day and night operations                                               |                                                                                                | Medium                  |
| Conduct Taxi                                 |                                                                                                               | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                       |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                          | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions | Medium                  |
| Conduct Taxi                                 |                                 | Can identify, assess, and manage risks, encompassing a taxi route or departure runway change                          | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                       |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                          | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can identify, assess, and manage risks, encompassing failure to complete checklist(s) | Medium                  |
| Conduct Taxi                                 |                                 | Can identify, assess, and manage risks, encompassing low visibility taxi operations   | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 | Low visibility taxi and ground operations should be trained to the extent practical and beneficial. Such training should address operations at typical airports or alternately, at airports frequently experiencing low-visibility conditions, complex airports on the operator's route system, airports with particular low visibility ground movement difficulties, or rarely used but significant contingency airports, as determined appropriate by the operator. |                              | Medium                  |
| Conduct Taxi                                 | perform either PF or PM duties, unless otherwise limited by the operator's policies or aircraft characteristics (e.g., single HUD).                                                                                                                                                                                                                                                                                                                                   |                              | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 |                              | Medium                  |
| Conduct Taxi                                 |                                 |                              | Medium                  |
| Conduct Taxi                                 |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 |                              | Medium                  |
| Conduct Taxi                                 |                                 |                              | Medium                  |
| Conduct Taxi                                 |                                 |                              | Medium                  |
| Conduct Taxi                                 |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                                                                             |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                              | Medium                  |
| Conduct Taxi                                 | Can apply use of the airport diagram after receiving a clearance, and confirms and verbalizes the assigned runway and taxi route, including any instructions to hold short of, or cross, a runway. If there is any doubt, speaks up and resolve the uncertainty before taxi |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                   |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 | Can use airport diagram to follow progress of the taxi operation                                                                                                                  |                              | Medium                  |
| Conduct Taxi                                 | Can execute bringing the aircraft to a complete stop, or be in a phase of taxiing that has no risk of a runway incursion before continuing with operational duties and checklists |                              | Medium                  |
| Conduct Taxi                                 | Can execute turning on the rotating beacon whenever an engine is running                                                                                                          |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                             |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 | Can execute turning on navigation, position, anti-collision, and logo lights, if available, to signal intent to other pilots prior to commencing taxi                                                       |                              | Medium                  |
| Conduct Taxi                                 | Can execute turning on the taxi light when the aircraft is moving or intending to move on the ground, and turning it off when stopped or yielding or as a consideration to other pilots or ground personnel |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                             |                                                                                                                                                                                                                                                                                                   |                         |
|----------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                             | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Taxi                                 | Can execute illuminating all lights when crossing a runway when appropriate |                                                                                                                                                                                                                                                                                                   | Medium                  |
| Conduct Taxi                                 |                                                                             | Can conduct a briefing on the timing and execution of aircraft checklists and company communications at the appropriate times and locations, ensuring the pilot who is not taxiing the aircraft can be available to participate in verbal coordination with the pilot who is taxiing the aircraft | Medium                  |
| Conduct Taxi                                 |                                                                             | Can consider the anticipated duration of the taxi operation, the locations of hot spots/complex intersections and runway crossings, and the visibility along the taxi route when briefing tasks or accomplishing checklists                                                                       | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                                                                                                                                    |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                       | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can manage pilot workload and heads-down time during taxi by conducting predeparture checklists, including setting the takeoff flap setting, when the aircraft is stopped or while taxiing straight ahead on a taxiway without complex intersections and hot spots | Medium                  |
| Conduct Taxi                                 |                                 | Can maintain a sterile cockpit during taxi operations                                                                                                                                                                                                              | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                          |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                             | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can manage the risk of expectation bias, and follow the clearance or instructions that are actually received, and not the ones they expected to receive. | Medium                  |
| Conduct Taxi                                 |                                 | Can be alert to ATC instructions to hold short of an ILS critical area holding line.                                                                     | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                                                                  |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                     | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can monitor the aircraft's progress on the airport diagram to ensure that the pilot taxiing the aircraft is following the instructions received from the ATC while maintaining outside vigilance | Medium                  |
| Conduct Taxi                                 |                                 | Can respond to all hold short instructions, and verifies with other crew members or ATC to ensure agreement and understanding                                                                    | Medium                  |
| Conduct Taxi                                 |                                 | Can comply with hold short or crossing clearance when approaching an entrance to a runway.                                                                                                       | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                                                                                                                     |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                        | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can explain or demonstrate proper actions if the crew becomes disoriented: never stop on a runway, and initiate communications with ATC to regain orientation.                                                                                      | Medium                  |
| Conduct Taxi                                 |                                 | Can demonstrate vigilance when instructed to taxi and “Line Up and Wait”. Turns Traffic Alert and Collision Avoidance System (TCAS)/traffic advisory systems (TAS) on in order obtain awareness of any aircraft that may be landing on your runway. | Medium                  |
| Conduct Taxi                                 |                                 | Can determine whether or not to accept last-minute turnoff instructions from ATC, refusing such clearance unless the crew clearly understands the instructions and are certain that they can safely comply.                                         | Medium                  |
| Conduct Taxi                                 |                                 | Can resolve all misunderstandings or disagreements regarding taxi clearance to the satisfaction of all flightcrew members before taxiing the aircraft.                                                                                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                                                                                                                                                                       |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can coordinate with other flightcrew member(s) if stopping and resuming the monitoring of the ATC frequency, for example when it becomes necessary for a flightcrew member to stop monitoring any ATC frequency to prepare the aircraft for takeoff or landing.                                       | Medium                  |
| Conduct Taxi                                 |                                 | Can assess any upcoming hold short instructions or clearances that could be misinterpreted prior to stopping and after resuming monitoring of the taxi. An example may include: "I'm heads-down, right turn ahead at Alpha," or "I'm back, any changes?"                                              | Medium                  |
| Conduct Taxi                                 |                                 | Can appreciate that time away from monitoring ATC should be avoided with complex taxi routing or crossing of runways. Any instructions or information received or transmitted during that flightcrew member's absence from the ATC frequency should be reviewed and confirmed upon his or her return. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                                                                                                                                                                                                |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can coordinate verbally at complex intersections to be sure that: the intersection is correctly identified and confirmed using the airport diagram and the heading indicator                                                                                                                                                   | Medium                  |
| Conduct Taxi                                 |                                 | Can state “approaching (specific runway number) hold short line. Before crossing any hold short line, the flightcrew should visually scan to the left and to the right, including the full length of the runway and its approach paths, and coordinate verbally (e.g., “clear right/left” or that the scan area is not clear). | Medium                  |
| Conduct Taxi                                 |                                 | Can coordinate verbally and agree on the runway assigned by ATC, the upcoming assigned exit, and any restrictions, such as hold short points of an intersecting runway and the aircraft’s parking area after landing                                                                                                           | Medium                  |
| Conduct Taxi                                 |                                 | Can consider any adverse effects to safety that illuminating the forward-facing lights will have on the vision of other pilots or ground personnel during runway crossings,                                                                                                                                                    | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                           |                                  |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                           | ATTITUDE LEARNING OBJECTIVES     | TASK EXPECTATION RATING |
|                                              |                                                                                                                                                                                                           | and adjust operation accordingly |                         |
| Conduct Taxi                                 |                                                                                                                                                                                                           |                                  | Medium                  |
| Conduct TCAS Resolution Advisory (RA)        | Can respond to the RA with positive control inputs, when required, while the PM provides updates on the traffic location and cross-checks between the traffic display and monitors the response to the RA |                                  | Medium                  |
| Conduct TCAS Resolution Advisory (RA)        | Can interpret the displayed information, and recognize the intruder causing the issuance of the RA (red square on display).                                                                               |                                  | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                         |                              |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                         | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct TCAS Resolution Advisory (RA)        | Can respond to the corrective RA in the proper direction within 5 seconds of the RA being displayed     |                              | Medium                  |
| Conduct TCAS Resolution Advisory (RA)        | Can respond to a change in the initially displayed RA within 2.5 seconds                                |                              | Medium                  |
| Conduct TCAS Resolution Advisory (RA)        | Can recognize and respond to altitude crossing RAs                                                      |                              | Medium                  |
| Conduct TCAS Resolution Advisory (RA)        | Can respond to preventive RAs by ensuring the VS needle remains outside the red area on the RA display. |                              | Medium                  |
| Conduct TCAS Resolution Advisory (RA)        | Can maintain vertical speed during "maintain rate" RAs                                                  |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                               |                                                                                                                                                                                                                                                                                                                                                         |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                               | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                            | TASK EXPECTATION RATING |
| Conduct TCAS Resolution Advisory (RA)        | Can recognize that a maintain rate RA may result in crossing through the intruder's altitude. |                                                                                                                                                                                                                                                                                                                                                         | Medium                  |
| Conduct TCAS Resolution Advisory (RA)        |                                                                                               | Can appreciate that if a decision is made to not follow an RA, no changes in the existing VS are made in a direction opposite to the sense of the displayed RA. Pilots should be aware that if the intruder is also TCAS equipped, the decision to not follow an RA may result in a decrease in separation at CPA because of the intruder's RA response | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                        |                                                                                                         |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES                                                                            | TASK EXPECTATION RATING |
| Conduct TCAS Resolution Advisory (RA)        | Can execute a return towards the original clearance when the RA weakens, and when clear of conflict is annunciated, pilot executes a complete the return to the original clearance                                     |                                                                                                         | Medium                  |
| Conduct TCAS Resolution Advisory (RA)        |                                                                                                                                                                                                                        | Can inform the controller of the RA as soon as time and workload permit, using the standard phraseology | Medium                  |
| Conduct TCAS Resolution Advisory (RA)        | Can comply with an ATC clearance while responding to an RA when possible. (For example, if the aircraft can level at the assigned altitude while responding to a reduce climb or reduce descent RA, it should be done) |                                                                                                         | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                                                                                                                                                                                                          |                         |
|----------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                             | TASK EXPECTATION RATING |
| Conduct TCAS Resolution Advisory (RA)        |                                 | Can appreciate that If pilots simultaneously receive instructions to maneuver from ATC and an RA that are in conflict, the pilot should follow the RA.                                                                                                                                                                                   | Medium                  |
| Conduct TCAS Resolution Advisory (RA)        |                                 | Can appreciate that TCAS only considers intruders that it believes to be a threat when selecting an RA. As such, it is possible for TCAS to issue an RA against one intruder that results in a maneuver towards another intruder that is not classified as a threat. If the second intruder becomes a threat, the RA will be modified to | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                        |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                           | TASK EXPECTATION RATING |
|                                              |                                 | provide separation from that intruder.                                                                 |                         |
| Conduct TCAS Resolution Advisory (RA)        |                                 | Can appreciate the consequences of both responding to, and not responding to, an RA                    | Medium                  |
| Conduct TCAS Traffic Advisory (TA)           |                                 | Can confirm that the aircraft they have visually acquired is that which has caused the TA to be issued | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                            |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct TCAS Traffic Advisory (TA)           | Can use all information shown on the display, and interpret bearing and range of the intruder (amber circle), whether it is above or below (data tag), and its VS direction (trend arrow). |                              | Medium                  |
| Conduct TCAS Traffic Advisory (TA)           | Can use other available information is used to assist in visual acquisition. This includes ATC party-line information, traffic flow in use, etc.                                           |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                                                                                                                               |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct TCAS Traffic Advisory (TA)           |                                 | Can appreciate that the PF should not maneuver the aircraft based solely on the information shown on the TCAS display. No attempt should be made to adjust the current flightpath in anticipation of what an RA would advise. | Medium                  |
| Conduct TCAS Traffic Advisory (TA)           |                                 | Can appreciate the limitations of making maneuvers based solely on visual acquisition, especially at high altitude or without a definite horizon                                                                              | Medium                  |
| Conduct TCAS Traffic Advisory (TA)           |                                 | Can take account of traffic advisory while preparing for a potential resolution advisory (pilot flying)                                                                                                                       | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 2 |                                 |                                                                                                                       |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                          | TASK EXPECTATION RATING |
| Conduct TCAS Traffic Advisory (TA)           |                                 | Can monitor traffic location shown on the TCAS display, using this information to help visually acquire the intruder. | Medium                  |
| Conduct Visual Approach (VFR Procedures)     |                                 |                                                                                                                       | Low                     |
| Conduct Visual Approach (VFR Procedures)     | Can conduct a visual approach.  |                                                                                                                       | Low                     |

#### 4.3 Course 1 – SIM 3 Learning Objectives

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                      |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                |                                 |                                                                                                                                                                                      | High                    |
| Conduct Nonprecision Approach                |                                 |                                                                                                                                                                                      | High                    |
| Conduct Nonprecision Approach                |                                 |                                                                                                                                                                                      | High                    |
| Conduct Nonprecision Approach                |                                 |                                                                                                                                                                                      | High                    |
| Conduct Nonprecision Approach                |                                 | Can appreciate that there are environments in which using CDFA technique is not advisable or practical, for example airports that do not offer straight in non-precision approaches. | High                    |
| Conduct Taxi                                 |                                 |                                                                                                                                                                                      | High                    |
| Conduct Taxi                                 |                                 |                                                                                                                                                                                      | High                    |
| Conduct Taxi                                 |                                 |                                                                                                                                                                                      | High                    |
| Conduct Taxi                                 |                                 |                                                                                                                                                                                      | High                    |
| Conduct Taxi                                 |                                 |                                                                                                                                                                                      | High                    |
| Conduct Taxi                                 |                                 |                                                                                                                                                                                      | High                    |
| Conduct Taxi                                 |                                 |                                                                                                                                                                                      | High                    |
| Conduct Taxi                                 |                                 |                                                                                                                                                                                      | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                             |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 | Can apply use of the airport diagram after receiving a clearance, and confirms and verbalizes the assigned runway and taxi route, including any instructions to hold short of, or cross, a runway. If there is any doubt, speaks up and resolve the uncertainty before taxi |                              | High                    |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                              | High                    |
| Conduct Taxi                                 | Can use airport diagram to follow progress of the taxi operation                                                                                                                                                                                                            |                              | High                    |
| Conduct Taxi                                 | Can execute bringing the aircraft to a complete stop, or be in a phase of taxiing that has no risk of a runway incursion before continuing with operational duties and checklists                                                                                           |                              | High                    |
| Conduct Taxi                                 | Can execute turning on the rotating beacon whenever an engine is running                                                                                                                                                                                                    |                              | High                    |
| Conduct Taxi                                 | Can execute turning on navigation, position, anti-collision, and logo lights, if available, to signal intent to other pilots prior to commencing taxi                                                                                                                       |                              | High                    |
| Conduct Taxi                                 | Can execute turning on the taxi light when the aircraft is moving or intending to move on the ground, and turning it off when stopped or yielding or as a consideration to other pilots or ground personnel                                                                 |                              | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                             |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 | Can execute illuminating all lights when crossing a runway when appropriate |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                                                                                   |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can conduct a briefing on the timing and execution of aircraft checklists and company communications at the appropriate times and locations, ensuring the pilot who is not taxiing the aircraft can be available to participate in verbal coordination with the pilot who is taxiing the aircraft | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                             |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can consider the anticipated duration of the taxi operation, the locations of hot spots/complex intersections and runway crossings, and the visibility along the taxi route when briefing tasks or accomplishing checklists | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                                                    |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                       | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can manage pilot workload and heads-down time during taxi by conducting predeparture checklists, including setting the takeoff flap setting, when the aircraft is stopped or while taxiing straight ahead on a taxiway without complex intersections and hot spots | High                    |
| Conduct Taxi                                 |                                 | Can maintain a sterile cockpit during taxi operations                                                                                                                                                                                                              | High                    |
| Conduct Taxi                                 |                                 | Can manage the risk of expectation bias, and follow the clearance or instructions that are actually received, and not the ones they expected to receive.                                                                                                           | High                    |
| Conduct Taxi                                 |                                 | Can be alert to ATC instructions to hold short of an ILS critical area holding line.                                                                                                                                                                               | High                    |
| Conduct Taxi                                 |                                 | Can monitor the aircraft's progress on the airport diagram to ensure that the pilot taxiing the aircraft is following the instructions received from the ATC while maintaining outside vigilance                                                                   | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                               |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                  | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can respond to all hold short instructions, and verifies with other crew members or ATC to ensure agreement and understanding | High                    |
| Conduct Taxi                                 |                                 | Can comply with hold short or crossing clearance when approaching an entrance to a runway.                                    | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can explain or demonstrate proper actions if the crew becomes disoriented: never stop on a runway, and initiate communications with ATC to regain orientation. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                                     |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                        | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can demonstrate vigilance when instructed to taxi and “Line Up and Wait”. Turns Traffic Alert and Collision Avoidance System (TCAS)/traffic advisory systems (TAS) on in order obtain awareness of any aircraft that may be landing on your runway. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                             |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can determine whether or not to accept last-minute turnoff instructions from ATC, refusing such clearance unless the crew clearly understands the instructions and are certain that they can safely comply. | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                        |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                           | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can resolve all misunderstandings or disagreements regarding taxi clearance to the satisfaction of all flightcrew members before taxiing the aircraft. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                                                 |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                    | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can coordinate with other flightcrew member(s) if stopping and resuming the monitoring of the ATC frequency, for example when it becomes necessary for a flightcrew member to stop monitoring any ATC frequency to prepare the aircraft for takeoff or landing. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                                          |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                             | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can assess any upcoming hold short instructions or clearances that could be misinterpreted prior to stopping and after resuming monitoring of the taxi. An example may include: "I'm heads-down, right turn ahead at Alpha," or "I'm back, any changes?" | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                                                                                       |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can appreciate that time away from monitoring ATC should be avoided with complex taxi routing or crossing of runways. Any instructions or information received or transmitted during that flightcrew member's absence from the ATC frequency should be reviewed and confirmed upon his or her return. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                              |                         |
|----------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can coordinate verbally at complex intersections to be sure that: the intersection is correctly identified and confirmed using the airport diagram and the heading indicator | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                                                                                                                |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can state “approaching (specific runway number) hold short line. Before crossing any hold short line, the flightcrew should visually scan to the left and to the right, including the full length of the runway and its approach paths, and coordinate verbally (e.g., “clear right/left” or that the scan area is not clear). | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                      |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can coordinate verbally and agree on the runway assigned by ATC, the upcoming assigned exit, and any restrictions, such as hold short points of an intersecting runway and the aircraft's parking area after landing | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                              |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can consider any adverse effects to safety that illuminating the forward-facing lights will have on the vision of other pilots or ground personnel during runway crossings, and adjust operation accordingly | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                              |                         |
|----------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                |                                 | Can manage the risk of errors when assigned an RNAV DP and subsequently receives a change of runway, procedure or transition by verifying the appropriate changes are entered and available for navigation prior to takeoff. | High                    |
| Conduct Arrival Procedures                   |                                 | Can manage the risk of errors when assigned a STAR and subsequently receives a change of landing runway, procedure or transition by verifying the appropriate changes are entered and available for navigation               | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 |                              | High                    |
| Conduct Taxi                                 |                                 |                              | High                    |
| Conduct Taxi                                 |                                 |                              | High                    |
| Conduct Taxi                                 |                                 |                              | High                    |
| Conduct Taxi                                 |                                 |                              | High                    |
| Conduct Taxi                                 |                                 |                              | High                    |
| Conduct Taxi                                 |                                 |                              | High                    |
| Conduct Taxi                                 |                                 |                              | High                    |
| Conduct Before Takeoff Checks                |                                 |                              | High                    |
| Conduct Before Takeoff Checks                |                                 |                              | High                    |
| Conduct Before Takeoff Checks                |                                 |                              | High                    |
| Conduct Before Takeoff Checks                |                                 |                              | High                    |
| Conduct Before Takeoff Checks                |                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3    |                                 |                              |                         |
|-------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                   |                                 |                              | High                    |
| Conduct Before Takeoff Checks                   |                                 |                              | High                    |
| Conduct Before Takeoff Checks                   |                                 |                              | High                    |
| Conduct Rejected Takeoff                        |                                 |                              | Medium                  |
| Conduct Rejected Takeoff                        |                                 |                              | Medium                  |
| Conduct Rejected Takeoff                        |                                 |                              | Medium                  |
| Conduct Rejected Takeoff                        |                                 |                              | Medium                  |
| Conduct Rejected Takeoff                        |                                 |                              | Medium                  |
| Conduct Normal Takeoff and Climb with Crosswind |                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3    |                                 |                              |                         |
|-------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind |                                 |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 |                              | High                    |
| Conduct Instrument Takeoff                      |                                 |                              | Medium                  |
| Conduct Departure Procedures                    |                                 |                              | High                    |
| Conduct Departure Procedures                    |                                 |                              | High                    |
| Conduct Departure Procedures                    |                                 |                              | High                    |
| Conduct Departure Procedures                    |                                 |                              | High                    |
| Conduct Departure Procedures                    |                                 |                              | High                    |
| Conduct Departure Procedures                    |                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3          |                                 |                              |                         |
|-------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                 | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                          |                                 |                              | High                    |
| Conduct Departure Procedures                          |                                 |                              | High                    |
| Conduct Departure Procedures                          |                                 |                              | High                    |
| Conduct Departure Procedures                          |                                 |                              | High                    |
| Conduct Emergency Procedure - Inflight fire and smoke |                                 |                              | Medium                  |
| Conduct Emergency Procedure - Inflight fire and smoke |                                 |                              | Medium                  |
| Conduct Emergency Procedure - Emergency evacuation    |                                 |                              | Medium                  |
| Conduct Emergency Procedure - Airframe icing          |                                 |                              | High                    |
| Conduct Emergency Procedure - Airframe icing          |                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                         |                                                                                                                                     |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                         | ATTITUDE LEARNING OBJECTIVES                                                                                                        | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Airframe icing | Can perform communication with ATC and the evaluator, as appropriate for the situation. |                                                                                                                                     | High                    |
| Conduct Emergency Procedure - Airframe icing |                                                                                         | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency.             | High                    |
| Conduct Emergency Procedure - Airframe icing |                                                                                         | Can identify, assess, and manage risks, encompassing multiple failures or system abnormalities.                                     | High                    |
| Conduct Emergency Procedure - Airframe icing |                                                                                         | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                                              |                                 |                                                                                                                                |                         |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                                                     | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                   | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Airframe icing                                                                              |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | High                    |
| Conduct Emergency Procedure - Flight by reference to standby flight instruments, backup instrumentation, or partial panel |                                 |                                                                                                                                | High                    |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart                                                     |                                 |                                                                                                                                | Medium                  |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart                                                     |                                 |                                                                                                                                | Medium                  |
| Conduct Arrival Procedures                                                                                                |                                 |                                                                                                                                | High                    |
| Conduct Arrival Procedures                                                                                                |                                 |                                                                                                                                | High                    |
| Conduct Arrival Procedures                                                                                                |                                 |                                                                                                                                | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                              |                         |
|----------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                   |                                 |                              | High                    |
| Conduct Nonprecision Approach                |                                 |                              | High                    |
| Conduct Nonprecision Approach                |                                 |                              | High                    |
| Conduct Nonprecision Approach                |                                 |                              | High                    |
| Conduct Nonprecision Approach                |                                 |                              | High                    |
| Conduct Precision Approach                   |                                 |                              | High                    |
| Conduct Precision Approach                   |                                 |                              | High                    |
| Conduct Precision Approach                   |                                 |                              | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                 |                              |                         |
|-------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                                                                |                                 |                              | High                    |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                 |                              | Medium                  |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                 |                              | Medium                  |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                 |                              | Medium                  |
| Conduct Holding                                                                           |                                 |                              | High                    |
| Conduct Holding                                                                           |                                 |                              | High                    |
| Conduct Holding                                                                           |                                 |                              | High                    |
| Conduct Holding                                                                           |                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                 |                              |                         |
|------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                 |                              | Medium                  |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                 |                              | Medium                  |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                 |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind                           |                                 |                              | High                    |
| Conduct Normal Approach and Landing with Crosswind                           |                                 |                              | High                    |
| Conduct Normal Approach and Landing with Crosswind                           |                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                                                                                                                                                 |                              |                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                                                 |                              | High                    |
| Conduct Landing From a Precision Approach          |                                                                                                                                                                 |                              | High                    |
| Conduct Landing From a Precision Approach          |                                                                                                                                                                 |                              | High                    |
| Conduct Taxi                                       | Can record taxi instructions, respond to taxi clearances, and review taxi routes on the airport diagram.                                                        |                              | High                    |
| Conduct Taxi                                       | Can use an airport diagram or taxi chart during taxi                                                                                                            |                              | High                    |
| Conduct Taxi                                       | Can comply with ATC clearances and instructions and observe all runway hold lines, ILS critical areas, beacons, and other airport/taxiway markings and lighting |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                      |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                      | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 | Can coordinate with crew, if applicable, and complete the appropriate checklist(s) prior to and during taxi          |                              | High                    |
| Conduct Taxi                                 | Can maintain situational awareness during taxi                                                                       |                              | High                    |
| Conduct Taxi                                 | Can maintain correct and positive airplane control, proper speed, appropriate use of wheel brakes and reverse thrust |                              | High                    |
| Conduct Taxi                                 | Can maintain separation between other aircraft, vehicles, and persons to avoid an incursion/incident/accident        |                              | High                    |
| Conduct Taxi                                 | Can use aircraft exterior lighting for day and night operations                                                      |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                             |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                | Can determine the airplane's takeoff performance for actual conditions and planned departure runway                         |                              | High                    |
| Conduct Before Takeoff Checks                | Can coordinate with crew and execute the appropriate checklist(s) prior to takeoff in a timely manner                       |                              | High                    |
| Conduct Before Takeoff Checks                | Can confirm all systems checked are within an acceptable operating range and are safe for the proposed flight               |                              | High                    |
| Conduct Before Takeoff Checks                | Can explain any system operating characteristic or limitation and any corrective action for a malfunction during the checks |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                       |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                | Can determine airspeeds/V-speeds and set flight instruments appropriately                                             |                              | High                    |
| Conduct Before Takeoff Checks                | Can use flight director and autopilot controls for the current flight conditions and takeoff and departure clearances |                              | High                    |
| Conduct Before Takeoff Checks                | Can perform configuration of navigation equipment for takeoff and departure clearances                                |                              | High                    |
| Conduct Before Takeoff Checks                | Can configure communication equipment for takeoff and departure clearances                                            |                              | High                    |
| Conduct Before Takeoff Checks                | Can obtain and correctly interpret the takeoff and departure clearance                                                |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                          |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                | Can conduct a briefing that includes procedures for emergency and abnormal situations (e.g., powerplant failure, windshear), which may be encountered during takeoff, and state the planned action if they were to occur |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                      |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                      | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Rejected Takeoff                     | Can execute aborted takeoff if the powerplant failure occurs at a point during the takeoff where the abort procedure can be initiated and the airplane can be safely stopped on the remaining runway |                              | Medium                  |
| Conduct Rejected Takeoff                     | Can execute prompt reduction of power and maintain positive aircraft control using drag and braking devices, as appropriate, to come to a stop                                                       |                              | Medium                  |
| Conduct Rejected Takeoff                     | Can coordinate with crew, if applicable, and complete the appropriate procedures, checklist(s), and radio calls following a rejected takeoff in a timely manner                                      |                              | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3    |                                                                                                                                                                                        |                              |                         |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind | Can coordinate with crew and complete the appropriate checklist(s) prior to takeoff in a timely manner                                                                                 |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform radio calls as appropriate                                                                                                                                                 |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can verify assigned/correct runway                                                                                                                                                     |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can verify the airplane is configured for takeoff                                                                                                                                      |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can execute clearing of the area and taxi into takeoff position and align the airplane on the runway centerline                                                                        |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can maintain centerline and proper flight control inputs during the takeoff roll                                                                                                       |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can confirm takeoff power and proper engine and flight instrument indications prior to rotation and perform callouts as appropriate, for the airplane or per the operator's procedures |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3    |                                                                                                                                             |                              |                         |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform rotation and lift off at the recommended airspeed                                                                               |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can maintain a power setting and a pitch attitude to maintain the desired climb airspeed/V-speed, $\pm 5$ knots for each climb segment      |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can maintain desired heading $\pm 5^\circ$                                                                                                  |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform Retraction of the landing gear and flaps in accordance with manufacturer or operator procedures and limitations, as appropriate |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform wake turbulence avoidance                                                                                                       |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can follow noise abatement procedures                                                                                                       |                              | High                    |
| Conduct Normal Takeoff and Climb with Crosswind | Can execute appropriate after-takeoff checklist(s) in a timely manner                                                                       |                              | High                    |
| Conduct Instrument Takeoff                      | Can coordinate with crew and execute the appropriate checklist(s) prior to takeoff in a timely manner                                       |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                 |                              |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   | Can execute setting of the applicable avionics and flight instruments prior to initiating the takeoff                           |                              | Medium                  |
| Conduct Instrument Takeoff                   | Can perform radio calls as appropriate                                                                                          |                              | Medium                  |
| Conduct Instrument Takeoff                   | Can verify assigned/correct runway                                                                                              |                              | Medium                  |
| Conduct Instrument Takeoff                   | Can perform clearing the arrival area and execute taxiing into takeoff position and align the airplane on the runway centerline |                              | Medium                  |
| Conduct Instrument Takeoff                   | Can maintain centerline and proper flight control inputs during the takeoff roll                                                |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                    |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                    | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   | can confirm takeoff power and proper engine and flight instrument indications prior to rotation making callouts, as appropriate, for the airplane or per the operator's procedures |                              | Medium                  |
| Conduct Instrument Takeoff                   | Can rotate and lift off at the recommended airspeed, establish the desired pitch attitude, and accelerate to the desired airspeed/ V-speed.                                        |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   | Can execute a smooth transition from visual meteorological conditions (VMC) to actual or simulated instrument meteorological conditions (IMC). |                              | Medium                  |
| Conduct Instrument Takeoff                   | Can maintain desired heading $\pm 5^\circ$ and desired airspeeds $\pm 5$ knots.                                                                |                              | Medium                  |
| Conduct Instrument Takeoff                   | Can comply with ATC clearances and instructions issued by ATC , as appropriate                                                                 |                              | Medium                  |
| Conduct Instrument Takeoff                   | Can execute appropriate after-takeoff checklist(s) in a timely manner                                                                          |                              | Medium                  |
| Conduct Departure Procedures                 | Can select the appropriate instrument departure procedure.                                                                                     |                              | High                    |
| Conduct Departure Procedures                 | Can select, identify and use the appropriate communication facilities associated with the procedure                                            |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                           |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 | Can select, identify and use the appropriate navigation facilities associated with the procedure                                          |                              | High                    |
| Conduct Departure Procedures                 | Can perform programming the FMS prior to departure and execute avionics setup of flight director and autopilot controls for the departure |                              | High                    |
| Conduct Departure Procedures                 | Can use current and appropriate navigation publications or databases for the proposed flight                                              |                              | High                    |
| Conduct Departure Procedures                 | Can initiate two-way communications with the proper controlling agency                                                                    |                              | High                    |
| Conduct Departure Procedures                 | Can use proper phraseology and comply in a timely manner with all ATC instructions and airspace restrictions                              |                              | High                    |
| Conduct Departure Procedures                 | Can perform interception of courses, radials, and bearings appropriate to the procedure, route or clearance                               |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3          |                                                                                                                                                                |                              |                         |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                 | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Departure Procedures                          | Can comply with all applicable charted procedures                                                                                                              |                              | High                    |
| Conduct Departure Procedures                          | Can maintain the appropriate airspeed $\pm 10$ knots, headings $\pm 10^\circ$ , and altitude $\pm 100$ feet, and accurately track a course, radial, or bearing |                              | High                    |
| Conduct Departure Procedures                          | Can execute the departure phase to a point where the transition to the en route environment is complete                                                        |                              | High                    |
| Conduct Emergency Procedure - Inflight fire and smoke | Can perform communication with ATC and the evaluator, as appropriate for the situation.                                                                        |                              | Medium                  |
| Conduct Emergency Procedure - Emergency evacuation    | Can perform communication with ATC and the evaluator, as appropriate for the situation.                                                                        |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                                              |                                                                                                                        |                              |                         |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Flight by reference to standby flight instruments, backup instrumentation, or partial panel | Can coordinate with crew and execute the appropriate checklist(s) in a timely manner                                   |                              | High                    |
| Conduct Emergency Procedure - Flight by reference to standby flight instruments, backup instrumentation, or partial panel | Can perform communication with ATC and the evaluator, as appropriate for the situation.                                |                              | High                    |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart                                                     | Can recognize and correctly identify powerplant failure, execute memory items, and maintain positive airplane control. |                              | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                          |                                                                                                                                             |                              |                         |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                 | MOTOR SKILL LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can coordinate with crew and execute the appropriate emergency procedures and checklist(s) for propeller feathering or powerplant shutdown. |                              | Medium                  |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required      |                              | Medium                  |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can determine the cause for the powerplant failure and assess if a restart is a viable option.                                              |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                          |                                                                                                                                                                                       |                              |                         |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                 | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can maintain the operating powerplant(s) within acceptable operating limits.                                                                                                          |                              | Medium                  |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can maintain airspeed $\pm 10$ knots, specified heading $\pm 10^\circ$ and altitude $\pm 100$ feet as specified                                                                       |                              | Medium                  |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can assess powerplant restart and, if appropriate, demonstrate the powerplant restart procedures in accordance with the manufacturer or operator specified procedures and checklists. |                              | Medium                  |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can select the nearest suitable airport or landing area.                                                                                                                              |                              | Medium                  |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can perform communication with ATC as appropriate for the situation.                                                                                                                  |                              | Medium                  |
| Conduct Arrival Procedures                                            | Can select, identify and use the appropriate communication and navigation facilities associated with the arrival                                                                      |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                        |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                   | Can perform setup of FMS and avionics to include flight director and autopilot controls for the arrival, if applicable |                              | High                    |
| Conduct Arrival Procedures                   | Can use current and appropriate navigation publications or databases for the proposed flight                           |                              | High                    |
| Conduct Arrival Procedures                   | Can initiate two-way communications with the proper controlling agency                                                 |                              | High                    |
| Conduct Arrival Procedures                   | Can use proper phraseology and comply in a timely manner with all ATC instructions and airspace restrictions           |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                             |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                   | Can perform interception of courses, radials, and bearings appropriate to the procedure, route or clearance |                              | High                    |
| Conduct Arrival Procedures                   | Can comply with all applicable charted procedures                                                           |                              | High                    |
| Conduct Arrival Procedures                   | Can comply with airspeed restrictions required by regulation, procedure, aircraft limitation or ATC         |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                               |                              |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                               | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                   | Can maintain rate of descent consistent with the route segment, airplane operating characteristics and safety |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                           |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                   | Can maintain the appropriate airspeed/V-speed $\pm 10$ knots, but not less than VRef if applicable, heading $\pm 10^\circ$ , altitude $\pm 100$ feet, and accurately track radials, courses, and bearings |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                 |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can perform the nonprecision instrument approaches selected by the instructor/evaluator                                                         |                              | High                    |
| Conduct Nonprecision Approach                | Can initiate two-way communications with ATC appropriate for the phase of flight or approach segment, and use proper communication phraseology. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                             |                              |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach. |                              | High                    |
| Conduct Nonprecision Approach                | Can Comply with all clearances issued by ATC .                                                                                              |                              | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                        |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can recognize if any flight instrumentation is inaccurate or inoperative, and take appropriate action. |                              | High                    |
| Conduct Nonprecision Approach                | Can coordinate with ATC if unable to comply with a clearance.                                          |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                       |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can maintain the appropriate airplane configuration and airspeed considering meteorological and operating conditions. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                        |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                             |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category |                              | High                    |
| Conduct Nonprecision Approach                | Can maintain a stabilized descent to the appropriate altitude.                                                                                                                                                              |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                 |                              |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can maintain no more than ¼ scale CDI deflection, airspeed ±5 knots of selected value, and altitude above MDA +50/-0 feet (to the VDP or MAP) during the final approach segment |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                             |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can execute the missed approach procedure if the required visual references are not distinctly visible and identifiable at the appropriate point or altitude for the approach profile, or execute a normal landing from a straight-in or circling approach. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                          |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                | Can use a Multi-Function Display (MFD) and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath. |                              | High                    |
| Conduct Visual Approach (VFR Procedures)     |                                                                                                                                                                                          |                              | Medium                  |
| Conduct Visual Approach (VFR Procedures)     | Can conduct a visual approach.                                                                                                                                                           |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                 |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can perform the precision instrument approaches selected by the instructor/evaluator.                                                           |                              | High                    |
| Conduct Precision Approach                   | Can initiate two-way communications with ATC appropriate for the phase of flight or approach segment, and use proper communication phraseology. |                              | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                             |                              |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach. |                              | High                    |
| Conduct Precision Approach                   | Can comply in a timely manner with all clearances, instructions, and procedures.                                                            |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                        |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can recognize if any flight instrumentation is inaccurate or inoperative, and take appropriate action. |                              | High                    |
| Conduct Precision Approach                   | Can coordinate with ATC if unable to comply with a clearance.                                          |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                       |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can maintain the appropriate airplane configuration and airspeed considering meteorological and operating conditions. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                        |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                             |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                          |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can initiate and maintain a predetermined rate of descent which approximates that required for the aircraft to follow the vertical guidance, at the point where vertical guidance begins |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                     |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                     | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can maintain a stabilized final approach from the Final Approach Fix (FAF) to DA/DH allowing no more than ¼-scale deflection of either the vertical or lateral guidance indications and maintain the desired airspeed $\pm 5$ knots |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                               |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                               | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can immediately initiate the missed approach procedures if the required visual references for the runway are not distinctly visible and identifiable upon reaching the DA/DH. |                              | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                            |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can, upon reaching the DA/DH, perform a transition to a normal landing when the aircraft is in a position from which a descent to a landing on the runway can be made at a normal rate of descent using normal maneuvering |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                                                                  |                              |                         |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                                                                | Can use an MFD and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath. |                              | High                    |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can recognize and correctly identify powerplant failure, execute memory items, and maintain positive airplane control.                                           |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                                                                                  |                              |                         |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can coordinate with crew, if applicable, and complete the appropriate emergency procedures and checklist(s) for simulated propeller feathering or simulated powerplant shutdown. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                                        |                              |                         |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required |                              | Medium                  |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can maintain the operating powerplant(s) within acceptable operating limits.                                                           |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                              |                              |                         |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can perform radio calls as appropriate                                       |                              | Medium                  |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can assess and proceed toward the nearest suitable airport.                  |                              | Medium                  |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can coordinate with crew and execute the approach and landing checklists(s). |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                       |                              |                         |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can maintain the appropriate airplane configuration and airspeed considering meteorological and operating conditions. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                                                                                                        |                              |                         |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                                                                                                                             |                              |                         |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category |                              | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                                                                                          |                              |                         |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can initiate and maintain a predetermined rate of descent which approximates that required for the aircraft to follow the vertical guidance, at the point where vertical guidance begins |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                                                                             |                              |                         |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can maintain a stabilized approach, adjusting pitch and power as required, allowing no more than ¼-scale deflection of either the vertical or lateral guidance indications. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                                                                                                                      |                              |                         |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                      | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can maintain a stabilized final approach from the FAF to the DA/DH allowing no more than ¼- scale deflection of either the vertical or lateral guidance indications and maintain the desired airspeed $\pm 5$ knots. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                               |                              |                         |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                               | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can maintain directional control and appropriate crosswind correction throughout the approach and landing or missed approach. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                                                                             |                              |                         |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can immediately execute the missed approach procedure if the required visual references for the runway are not distinctly visible and identifiable upon reaching the DA/DH, |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                                                                                                                                   |                              |                         |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can execute a transition to a normal landing approach when the aircraft is in a position from which a descent to a landing on the runway can be made at a normal rate of descent using normal maneuvering upon reaching the DA/DH |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                                                                                                                |                              |                         |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES                                                                                                | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can perform smooth, timely, and correct control application before, during, and after touchdown or during the missed approach. |                              | Medium                  |
| Conduct Holding                                                                           | Can identify instrument navigation aids associated with the assigned hold.                                                     |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                    |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                    | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Holding                              | Can apply the appropriate entry procedure for a standard, nonstandard, published, or non-published holding pattern.                                |                              | High                    |
| Conduct Holding                              | Can change to the appropriate holding airspeed for the airplane and holding altitude to cross the holding fix at or below maximum holding airspeed |                              | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                            |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Holding                              | Can comply with the holding pattern leg length and other restrictions, if applicable, associated with the holding pattern. |                              | High                    |
| Conduct Holding                              | Can comply with ATC reporting requirements.                                                                                |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                          |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Holding                              | Can use proper wind correction procedures to maintain the desired pattern and to arrive over the fix as close as possible to a specified time.           |                              | High                    |
| Conduct Holding                              | Can maintain the airspeed $\pm 10$ knots, altitude $\pm 100$ feet, headings $\pm 10^\circ$ , and accurately track a selected course, radial, or bearing. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                               |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                               | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Holding                              | Can use automation to include autopilot, flight director controls, and navigation displays associated with the assigned hold. |                              | High                    |
| Conduct Holding                              | Can calculate fuel reserve calculations based on EFC times.                                                                   |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                                                                                                        |                              |                         |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can recognize and correctly identify powerplant failure, execute memory items, and maintain positive airplane control. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                                                                                                                                                                  |                              |                         |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can coordinate with crew, if applicable, and complete the appropriate emergency procedures and checklist(s) for simulated propeller feathering or simulated powerplant shutdown. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                                                                                                                        |                              |                         |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required |                              | Medium                  |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can maintain the operating powerplant(s) within acceptable operating limits.                                                           |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                                                                                                                                                                                        |                              |                         |
|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can perform communication with ATC and the evaluator, as appropriate for the situation.                                                                                                                |                              | Medium                  |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                                                                                                                                                                             |                              |                         |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can perform establishing the recommended approach and landing configuration and airspeed, $\pm 5$ knots, and adjust pitch attitude and power as required to maintain a stabilized approach. |                              | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                                                                                            |                              |                         |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can maintain directional control and appropriate crosswind correction throughout the approach and landing. |                              | Medium                  |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can perform smooth, timely, and correct control application before, during, and after touchdown.           |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                                                                                                                                                                                                           |                              |                         |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can execute touch down at the appropriate speed and pitch attitude at the runway aiming point markings, -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                                                                                                                  |                              |                         |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can maintain positive aircraft control throughout the landing using drag and braking devices, as appropriate, to come to a stop. |                              | Medium                  |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can coordinate with crew and execute after landing checklists(s).                                                                |                              | Medium                  |
| Conduct Normal Approach and Landing with Crosswind                           | Can coordinate with crew and execute after landing checklists(s).                                                                |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                                                                                                                   |                              |                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can perform radio calls as appropriate                                                                                            |                              | High                    |
| Conduct Normal Approach and Landing with Crosswind | Can maintain a ground track that ensures the desired traffic pattern will be flown taking into consideration obstructions and ATC |                              | High                    |
| Conduct Normal Approach and Landing with Crosswind | Can confirm the airplane is aligned with the correct/assigned runway or landing surface.                                          |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                                                                            |                              |                         |
|----------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can scan runway or landing surface and adjoining area for traffic and obstructions.        |                              | High                    |
| Conduct Normal Approach and Landing with Crosswind | Can select a suitable touchdown point considering wind, landing surface, and obstructions. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                                                                                                                                                                             |                              |                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can perform establishing the recommended approach and landing configuration and airspeed, $\pm 5$ knots, and adjust pitch attitude and power as required to maintain a stabilized approach. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                                                                                            |                              |                         |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can maintain directional control and appropriate crosswind correction throughout the approach and landing. |                              | High                    |
| Conduct Normal Approach and Landing with Crosswind | Can perform smooth, timely, and correct control application before, during, and after touchdown.           |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                                                                                                                                                                                                                                                                   |                              |                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can execute touch down with the runway centerline between the main landing gear at the appropriate speed and pitch attitude at the runway aiming point markings -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                              | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                                                                                                                                                                                                                                            |                              |                         |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can execute deceleration to taxi speed (20 knots or less on dry pavement, 10 knots or less on contaminated pavement) to within the calculated landing distance plus 25% for the actual conditions with the runway centerline between the main landing gear |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                                                                                                                                                                  |                              |                         |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can execute a timely go-around if the approach cannot be made within the tolerances specified above or for any other condition that may result in an unsafe approach or landing. |                              | High                    |
| Conduct Normal Approach and Landing with Crosswind | Can apply runway incursion avoidance procedures.                                                                                                                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                        |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    | Can maintain the desired airspeed, $\pm 5$ knots, and vertical and lateral guidance within $\frac{1}{4}$ -scale deflection of the indicators during the descent from DA/DH to a point where visual maneuvering is used to accomplish a normal landing. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                           |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    | Can comply with all ATC advisories, such as NOTAMs, windshear, wake turbulence, runway surface, braking conditions, and other operational considerations. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                           |                              |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    | Can execute touch down at the appropriate speed and pitch attitude at the runway aiming point markings, -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                  |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    | Can maintain positive airplane control throughout the landing using drag and braking devices, as appropriate, to come to a stop. |                              | High                    |
| Conduct Landing From a Precision Approach    | Can demonstrate SRM or CRM, as appropriate.                                                                                      |                              | High                    |
| Conduct Landing From a Precision Approach    | Can apply runway incursion avoidance procedures.                                                                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                       |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                          | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions                        | High                    |
| Conduct Taxi                                 |                                 | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                              |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                 | TASK EXPECTATION RATING |
| Conduct Taxi                                 |                                 | Can identify, assess, and manage risks, encompassing a taxi route or departure runway change | High                    |
| Conduct Taxi                                 |                                 | Can identify, assess, and manage risks, encompassing failure to complete checklist(s)        | High                    |
| Conduct Taxi                                 |                                 | Can identify, assess, and manage risks, encompassing low visibility taxi operations          | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                   |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                      | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing division of attention while conducting before takeoff checks | High                    |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing an unexpected change in the runway to be used for departure  | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                |                         |
|----------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to verify performance data is correct and airspeeds and flight instruments are set for actual conditions and the departure runway | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                   | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to set navigation and communication equipment for departure       | High                    |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to configure autopilot and flight director controls for departure | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                               |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to account for adverse weather conditions prior to takeoff (e.g., snow, ice, gusting crosswinds, low-visibility) | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                                                            |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                               | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing A powerplant failure during takeoff or other malfunction considering operational factors such as airplane characteristics, runway/takeoff path length, surface conditions, environmental conditions, and obstructions | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                   | TASK EXPECTATION RATING |
| Conduct Before Takeoff Checks                |                                 | Can identify, assess, and manage risks, encompassing failure to complete checklist(s)                          | High                    |
| Conduct Rejected Takeoff                     |                                 | Can identify, assess, and manage risks, encompassing a powerplant failure or other malfunction during takeoff. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                           |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                              | TASK EXPECTATION RATING |
| Conduct Rejected Takeoff                     |                                 | Can identify, assess, and manage risks, encompassing failure to maintain directional control following a rejected takeoff | Medium                  |
| Conduct Rejected Takeoff                     |                                 | Can identify, assess, and manage risks, encompassing rejecting takeoff with inadequate stopping distance                  | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                  |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                     | TASK EXPECTATION RATING |
| Conduct Rejected Takeoff                     |                                 | Can identify, assess, and manage risks, encompassing a high-speed abort distractions, loss of situational awareness, or improper task management | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3    |                                 |                                                                                                                                                                           |                         |
|-------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                              | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can identify, assess, and manage risks, encompassing selection of a runway, or runway intersection aircraft limitations, available distance, surface conditions, and wind | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can identify, assess, and manage risks, encompassing wake turbulence                                                                                                      | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3    |                                 |                                                                               |                         |
|-------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                  | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can demonstrate proper planning for rejected takeoff                          | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can demonstrate proper planning for engine failure in takeoff phase of flight | High                    |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can demonstrate proper planning for engine failure in climb phase of flight   | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3    |                                 |                                                                                                                                        |                         |
|-------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                           | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can identify, assess, and manage risks, encompassing improper aircraft configuration or settings (e.g., trim, flaps, autobrakes, etc.) | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3    |                                 |                                                                                                                                                                  |                         |
|-------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                     | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3    |                                 |                                                                                                                               |                         |
|-------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                  | TASK EXPECTATION RATING |
| Conduct Normal Takeoff and Climb with Crosswind |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                      |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   |                                 | Can identify, assess, and manage risks, encompassing selection of a runway based on aircraft performance and limitations, available distance, surface conditions, lighting, and wind | Medium                  |
| Conduct Instrument Takeoff                   |                                 | Can identify, assess, and manage risks, encompassing wake turbulence                                                                                                                 | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                    |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                       | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   |                                 | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for rejected takeoff | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                               |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   |                                 | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for Engine failure in takeoff phase of flight with the ceiling or visibility below the minimums for an instrument approach at departure airport | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                             |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   |                                 | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for Engine failure in climb phase of flight with the ceiling or visibility below the minimums for an instrument approach at departure airport | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                               |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   |                                 | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                           |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                              | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   |                                 | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for low altitude maneuvering including stall, spin, or CFIT | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                             |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   |                                 | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for distractions, loss of situational awareness, or improper task management. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                  |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                     | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 |                                 | Can identify, assess, and manage risks, encompassing failure to communicate with ATC or follow published procedures and required climb gradients | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                         |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                            | TASK EXPECTATION RATING |
| Conduct Departure Procedures                 |                                 | Can identify, assess, and manage risks, encompassing limitations of air traffic avoidance equipment and use of see and avoid techniques | High                    |
| Conduct Departure Procedures                 |                                 | Can identify, assess, and manage risks, encompassing improper automation management                                                     | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3          |                                 |                                                                                                                         |                         |
|-------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                 | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                            | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Inflight fire and smoke |                                 | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency. | Medium                  |
| Conduct Emergency Procedure - Inflight fire and smoke |                                 | Can identify, assess, and manage risks, encompassing multiple failures or system abnormalities.                         | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3          |                                 |                                                                                                                                     |                         |
|-------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                 | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                        | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Inflight fire and smoke |                                 | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | Medium                  |
| Conduct Emergency Procedure - Inflight fire and smoke |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.      | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                 |                                                                                                                         |                         |
|----------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                            | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Emergency evacuation |                                 | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency. | Medium                  |
| Conduct Emergency Procedure - Emergency evacuation |                                 | Can identify, assess, and manage risks, encompassing multiple failures or system abnormalities.                         | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                   |                                 |                                                                                                                                     |                         |
|----------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                          | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                        | TASK EXPECTATION RATING |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>evacuation |                                 | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | Medium                  |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>evacuation |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.      | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                                              |                                 |                                                                                                                         |                         |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                                                     | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                            | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Flight by reference to standby flight instruments, backup instrumentation, or partial panel |                                 | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency. | High                    |
| Conduct Emergency Procedure - Flight by reference to standby flight instruments, backup instrumentation, or partial panel |                                 | Can identify, assess, and manage risks, encompassing multiple failures or system abnormalities.                         | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                                              |                                 |                                                                                                                                     |                         |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                                                     | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                        | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Flight by reference to standby flight instruments, backup instrumentation, or partial panel |                                 | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | High                    |
| Conduct Emergency Procedure - Flight by reference to standby flight instruments, backup instrumentation, or partial panel |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.      | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                          |                                 |                                                                                                                                               |                         |
|-----------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                 | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure during flight.                                  | Medium                  |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing failure to follow checklist procedures for a powerplant failure or a powerplant restart. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                          |                                 |                                                                                                                                                                   |                         |
|-----------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                 | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing incorrect diagnosis of the cause of the powerplant failure.                                                  | Medium                  |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                          |                                 |                                                                                                                                                                                     |                         |
|-----------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                 | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                        | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing improper airplane configuration.                                                                                               | Medium                  |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing factors and situations that could lead to an inadvertent stall, spin, and loss of control with an inflight powerplant failure. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                          |                                 |                                                                                                                                |                         |
|-----------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                 | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                   | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | Medium                  |
| Conduct Arrival Procedures                                            |                                 | Can identify, assess, and manage risks, encompassing failure to communicate with ATC or follow published procedures.           | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                       |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                          | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                   |                                 | Can identify, assess, and manage risks, encompassing failure to recognize limitations of traffic avoidance equipment. | High                    |
| Conduct Arrival Procedures                   |                                 | Can identify, assess, and manage risks, encompassing failure to use see and avoid techniques when possible.           | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                 |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                    | TASK EXPECTATION RATING |
| Conduct Arrival Procedures                   |                                 | Can identify, assess, and manage risks, encompassing improper automation management.                                                                                            | High                    |
| Conduct Arrival Procedures                   |                                 | Can identify, assess, and manage risks, encompassing ATC instructions that modify an arrival or discontinue/resume the aircraft's lateral or vertical navigation on an arrival. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                           |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                              | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                |                                 | Can identify, assess, and manage risks, encompassing Failure to follow the correct approach procedure (e.g., descending too early, etc.). | High                    |
| Conduct Nonprecision Approach                |                                 | Can identify, assess, and manage risks, encompassing Selecting an incorrect navigation frequency.                                         | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                              |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                |                                 | Can identify, assess, and manage risks, encompassing Failure to manage automated navigation and auto flight systems.                         | High                    |
| Conduct Nonprecision Approach                |                                 | Can identify, assess, and manage risks, encompassing Failure to ensure proper airplane configuration during an approach and missed approach. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                               |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                  | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                |                                 | Can identify, assess, and manage risks, encompassing An unstable approach, including excessive descent rates. | High                    |
| Conduct Nonprecision Approach                |                                 | Can identify, assess, and manage risks, encompassing Deteriorating weather conditions on approach.            | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                |                         |
|----------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Nonprecision Approach                |                                 | Can identify, assess, and manage risks, encompassing Operating below the minimum descent altitude (MDA) or continuing a descent below decision altitude (DA) without proper visual references. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                      |                         |
|----------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Precision Approach                   |                                 | Can identify, assess, and manage risks, encompassing failure to follow the correct approach procedure (e.g., descending below the glideslope, etc.). | High                    |
| Conduct Precision Approach                   |                                 | Can identify, assess, and manage risks, encompassing selecting an incorrect navigation frequency.                                                    | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                              |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Precision Approach                   |                                 | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems.                         | High                    |
| Conduct Precision Approach                   |                                 | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                               |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                  | TASK EXPECTATION RATING |
| Conduct Precision Approach                   |                                 | Can identify, assess, and manage risks, encompassing an unstable approach, including excessive descent rates. | High                    |
| Conduct Precision Approach                   |                                 | Can identify, assess, and manage risks, encompassing deteriorating weather conditions on approach.            | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                       |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Precision Approach                   |                                 | Can identify, assess, and manage risks, encompassing continuing to descend below the Decision Altitude (DA)/Decision Height (DH) when the required visual references are not visible. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                 |                                                                                                                                                                   |                         |
|-------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                 | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure inflight or during an approach.                                     | Medium                  |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                 |                                                                                                               |                         |
|-------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                  | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                 | Can identify, assess, and manage risks, encompassing improper airplane configuration.                         | Medium                  |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                 | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                 |                                                                                                                                |                         |
|-------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                   | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | Medium                  |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                 | Can identify, assess, and manage risks, encompassing landing with a powerplant failure.                                        | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                              |                                 |                                                                                                    |                         |
|-------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                     | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                       | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                 | Can identify, assess, and manage risks, encompassing missed approach with a powerplant failure.    | Medium                  |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                 | Can identify, assess, and manage risks, encompassing maneuvering in IMC with a powerplant failure. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                         |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                            | TASK EXPECTATION RATING |
| Conduct Holding                              |                                 | Can identify, assess, and manage risks, encompassing recalculating fuel reserves if assigned an unanticipated EFC time. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                         |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                            | TASK EXPECTATION RATING |
| Conduct Holding                              |                                 | Can identify, assess, and manage risks, encompassing scenarios and circumstances that could result in minimum fuel or the need to declare an emergency. | High                    |
| Conduct Holding                              |                                 | Can describe scenarios that could lead to holding, including deteriorating weather at the planned destination.                                          | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                         |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                            | TASK EXPECTATION RATING |
| Conduct Holding                              |                                 | Can identify, assess, and manage risks, encompassing improper holding entry and improper wind correction while holding. | High                    |
| Conduct Holding                              |                                 | Can identify, assess, and manage risks, encompassing holding while in icing conditions.                                 | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                 |                                                                                                                               |                         |
|------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                  | TASK EXPECTATION RATING |
| Conduct Holding                                                              |                                 | Can identify, assess, and manage risks, encompassing improper automation management.                                          | High                    |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                 | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure inflight or during an approach. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                 |                                                                                                                                                                   |                         |
|------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | Medium                  |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                 | Can identify, assess, and manage risks, encompassing improper airplane configuration.                                                                             | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                 |                                                                                                                                |                         |
|------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                   | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                 | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                  | Medium                  |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                 |                                                                                                                         |                         |
|------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                            | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                 | Can identify, assess, and manage risks, encompassing performing a go-around/rejected landing with a powerplant failure. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                 |                                                                                                                                                                                              |                         |
|----------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing selection of a runway or approach path and touchdown area based aircraft limitations, available distance, surface conditions, and wind. | High                    |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                                                        | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                 |                                                                                             |                         |
|----------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing Go-Around/Rejected Landing             | High                    |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing land and Hold Short Operations (LAHSO) | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                 |                                                                                                                                                                   |                         |
|----------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                      | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | High                    |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                     | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                 |                                                                                                                                                                                |                         |
|----------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, incorrect airport surface approach and landing, or improper task management. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                       |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing selection of an approach procedure and runway based on pilot capability, aircraft limitations, available distance, surface conditions, and wind. | High                    |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                                                                 | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                          |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                             | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for missed approach                        | High                    |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for land and hold short operations (LAHSO) | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                |                         |
|----------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                             |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for low altitude maneuvering including stall, spin, or CFIT.                  | High                    |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for distractions, loss of situational awareness, or improper task management. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                 |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                    | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for attempting to land from an unstable approach. | High                    |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for flying below the glidepath.                   | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                   |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                      | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    |                                 | Can identify, assess, and manage risks, encompassing planning for transitioning from instrument to visual references for landing. | High                    |
| Conduct Arrival Procedures                   |                                 |                                                                                                                                   | High                    |
| Conduct Arrival Procedures                   |                                 |                                                                                                                                   | High                    |
| Conduct Arrival Procedures                   |                                 |                                                                                                                                   | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                                                                                                                             |                                                                                                       |                              |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                                                                    | MOTOR SKILL LEARNING OBJECTIVES                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can perform the use of navigation systems including procedure selection and ILS look-alike principle: |                              | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                                                                                                                             |                                   |                              |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                                                                    | MOTOR SKILL LEARNING OBJECTIVES   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can perform flying of a procedure |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                                                                                                                             |                                                                          |                              |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                                                                    | MOTOR SKILL LEARNING OBJECTIVES                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can perform setup and interpretation of electronic displays and symbols. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                                                                                                                             |                                  |                              |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                                                                    | MOTOR SKILL LEARNING OBJECTIVES  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can execute use of LNAV mode(s). |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                                                                                                                             |                                  |                              |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                                                                    | MOTOR SKILL LEARNING OBJECTIVES  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can execute use of VNAV mode(s). |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                                                                                                                             |                                      |                              |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                                                                    | MOTOR SKILL LEARNING OBJECTIVES      | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can apply ATC procedures/phraseology |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                                                                                                                             |                                                 |                              |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                                                                    | MOTOR SKILL LEARNING OBJECTIVES                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct GPS instrument approach procedures with localizer performance with vertical guidance and localizer performance without vertical guidance lines of minima using the wide area augmentation system | Can apply functionality of vector to final mode |                              | High                    |
| Conduct Taxi                                                                                                                                                                                             |                                                 |                              | High                    |
| Conduct Precision Approach                                                                                                                                                                               |                                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                                                                                                                                                  |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can perform appropriate normal and non-normal procedures including crew duties, monitoring assignments, transfer of control during normal operations, appropriate automatic or crew-initiated call-outs, proper use of standard or special IAPs, applicable minima for normal configurations or for alternate or failure configurations, and reversion to higher minima in the event of failures |                              | High                    |
| Conduct Instrument Takeoff                   |                                                                                                                                                                                                                                                                                                                                                                                                  |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                  |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   | Can perform applicable procedures during takeoff to address the transition from visual flight to instrument flight for both the pilot flying (PF) and pilot monitoring (PM), to include the use and limitations of any flight guidance or visual systems in use. |                              | Medium                  |
| Conduct Precision Approach                   |                                                                                                                                                                                                                                                                  |                              | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                               |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                               | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can perform procedures to address the transition from electronic monitoring displays to external visual references for both PF and PM for systems that include such displays. |                              | High                    |
| Conduct Precision Approach                   |                                                                                                                                                                               |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Precision Approach                   |                                 | <p>Can appreciate constraints for head winds, tail winds, crosswinds, and the effect of vertical and horizontal wind shear on automatic systems, flight directors (F/D), or other system (e.g., HUD, SVGS, etc.) performance. For systems such as HUDs that have a limited field of view (FOV), or synthetic reference systems, pilots should be familiar with the display limitations of these systems and expected pilot actions in the event that the aircraft reaches or exceeds a display limit capability.</p> | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   |                                 | Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |
|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    |                                 | Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting. | High                    |
| Conduct Landing From a Precision Approach    |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                              |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    | Can perform proper reaction to significant airborne system failures experienced prior to and after reaching the final approach fix (FAF), MDA, DA/DH, or AH. Expected pilot response to failure after touchdown should be addressed as well. |                              | High                    |
| Conduct Landing From a Precision Approach    |                                                                                                                                                                                                                                              |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                          |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    | Can recognize and execute appropriate actions in response to ground or navigation system faults, failures or abnormalities at any point during the approach and landing. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                                                                                                                                               |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Landing From a Precision Approach    |                                 | Can appreciate that pilots should be familiar with the need to report navigation system anomalies or discrepancies, failures of any lighting system (e.g., approach lights, runway lights, touchdown zone (TDZ) lights, centerline lights), or any other discrepancies that could be pertinent to operations. | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                 |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can execute types of instrument procedures approved for the air carrier (standard and special, lowest straight-in, or circling minima, if applicable); according to the operators manuals, charts and checklists, on the aircraft type, model and series flown. |                              | High                    |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                           |                              |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can use flight guidance and/or visual system(s) and their corresponding category(s) of minima for each authorized system; |                              | High                    |
| Conduct Precision Approach                   | Can use NAVAID(s) and visual aids used (LVO/SMGCS lighting if applicable);                                                |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                              |                                                                                                |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                              | ATTITUDE LEARNING OBJECTIVES                                                                   | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can apply Flightcrew procedures used (e.g., PF/PM duties, monitored approach, or call-outs); |                                                                                                | High                    |
| Conduct Precision Approach                   |                                                                                              | Can demonstrate familiarization with airport and runway characteristics typically experienced; | High                    |
| Conduct Precision Approach                   |                                                                                              |                                                                                                | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                                                                                                                                        |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Precision Approach                   | Can perform relevant normal, non-normal, and environmental conditions. Training and evaluation need only be conducted using relevant and representative procedures and conditions (e.g., a representative mix of day, night, dusk, variable/patchy conditions, representative temperatures, landing runway altitudes, precipitation conditions, turbulence, and icing conditions); and |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                 |                                                                                                                       |                              |                         |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind                           | Can execute normal landings at the lowest applicable minima for each authorized flight guidance and/or visual system. |                              | High                    |
| Conduct Precision Approach                                                   | Can respond appropriately to aircraft and ground system failures.                                                     |                              | High                    |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can respond appropriately to engine failure prior to or during an approach.                                           |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                                                                                                                                  |                              |                         |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                  | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can perform manual rollout in low visibility at applicable minima. (except for aircraft using an automatic fail operational (FO) rollout system) |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3       |                                                                                                                                                                                    |                              |                         |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                              | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                    | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Normal Approach and Landing with Crosswind | Can perform landings at the limiting environmental conditions authorized for that operator with respect to wind, crosswind components, and runway surface friction characteristics |                              | High                    |
| Conduct Instrument Takeoff                         | Can execute normal takeoff at lowest applicable minima;                                                                                                                            |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3    |                                                                                                                                                                                                     |                              |                         |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                           | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                     | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Rejected Takeoff                        | Can execute Rejected takeoff from a point prior to V1 (including an engine failure);                                                                                                                |                              | Medium                  |
| Conduct Normal Takeoff and Climb with Crosswind | Can perform takeoff in limiting crosswinds, winds, gusts, and runway surface friction to levels authorized. Training should be done at weights or on runways that represent a critical field length |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                       |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Rejected Takeoff                     | Can perform rejected takeoff requiring transfer of control (if applicable) for low-visibility takeoff minima where a flight guidance and/or vision system is required |                              | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                               |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                               | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Rejected Takeoff                     | Can perform rejected takeoff with failure of the flight guidance device or ground-based guidance system, at a critical point of the takeoff, unless these systems have failure characteristics that are extremely improbable. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                      |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                      | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Instrument Takeoff                   | Can perform takeoff with failure of the flight guidance device or ground-based guidance system, at a critical point of the takeoff, unless these systems have failure characteristics that are extremely improbable. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                       | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 | Low visibility taxi and ground operations should be trained to the extent practical and beneficial. Such training should address operations at typical airports or alternately, at airports frequently experiencing low-visibility conditions, complex airports on the operator's route system, airports with particular low visibility ground movement difficulties, or rarely used but significant contingency airports, as determined appropriate by the operator. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                     |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                     | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Taxi                                 | perform either PF or PM duties, unless otherwise limited by the operator's policies or aircraft characteristics (e.g., single HUD). |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                      |                                                                                                                                                                                                           |                              |                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                             | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> | Can execute continued takeoff following failures including engine failure after V <sub>1</sub> , and any critical failures for the aircraft type that could lead to lateral asymmetry during the takeoff; |                              | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                                                                                                                                                                                           |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                      |                                 |                              |                         |
|-----------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                 |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                             |                                                                                                                                                                                                                                                             |                              |                         |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                    | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                             | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at $V_1$ | Can execute continued takeoff if the powerplant failure occurs at a point where the airplane can continue to a specified airspeed and altitude at the end of the runway commensurate with the airplane's performance capabilities and operating limitations |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                      |                                                                                                                                                                                                          |                              |                         |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                             | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> | Can maintain the desired airspeed, $\pm 5$ knots after establishing a climb, and use flight controls in the proper combination as recommended by the manufacturer, to maintain best performance and trim |                              | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                      |                                                                                                                                        |                              |                         |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                             | MOTOR SKILL LEARNING OBJECTIVES                                                                                                        | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required |                              | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> | Can maintain the appropriate heading, $\pm 5^\circ$ , when powerplant failure occurs                                                   |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                     |                                                                                                     |                              |                         |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                            | MOTOR SKILL LEARNING OBJECTIVES                                                                     | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant Failure<br>During Takeoff at<br>V <sub>1</sub> | Can coordinate with crew and execute the appropriate checklist(s) following the powerplant failure. |                              | Medium                  |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant Failure<br>During Takeoff at<br>V <sub>1</sub> | Can perform communication with ATC and the evaluator, as appropriate for the situation.             |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                      |                                 |                                                                                                                                                                                                                                                                                        |                         |
|-----------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                                                                           | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                 | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure during takeoff considering operational factors such as takeoff warning inhibit systems, runway/takeoff path length, surface conditions, environment, obstructions, and LAHSO operations. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                      |                                 |                                                                                                                                                |                         |
|-----------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                   | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                 | Can identify, assess, and manage risks, encompassing failure to brief the plan for a powerplant failure during takeoff, in a crew environment. | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                 | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency.                        | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                      |                                 |                                                                                                                                           |                         |
|-----------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                              | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                 | Can identify, assess, and manage risks, encompassing failure to correctly identify the inoperative engine (AMEL, AMES).                   | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                 | Can identify, assess, and manage risks, encompassing inability to climb or maintain altitude with an inoperative powerplant (AMEL, AMES). | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                      |                                 |                                                                                                                                     |                         |
|-----------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                        | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                 | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | Medium                  |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                 | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                       | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                      |                                 |                                                                                                                                |                         |
|-----------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                   | TASK EXPECTATION RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                          |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                | Can execute a one engine inoperative missed approach from a low altitude that could result in a touchdown during go-around (balked or rejected landing). |                              | Medium                  |
| Conduct Missed Approach - OEI                |                                                                                                                                                          |                              | Medium                  |
| Conduct Missed Approach - OEI                |                                                                                                                                                          |                              | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                              |                              |                         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                | Can apply the appropriate power setting for the flight condition and establish a pitch attitude necessary to obtain the desired performance during a one engine inoperative missed approach. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                                    |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                                                                    | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                | Can perform retraction of the wing flaps/drag devices and landing gear, if appropriate, in the correct sequence and at a safe altitude, and initiate a positive rate of climb at the appropriate airspeed/V- speed, $\pm 5$ knots during a one engine inoperative missed approach. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                      |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                      | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                | Can coordinate with crew and execute the appropriate procedures and checklist(s) in a timely manner during a one engine inoperative missed approach. |                              | Medium                  |
| Conduct Missed Approach - OEI                | Can comply with the published or alternate missed approach procedure during a one engine inoperative missed approach.                                |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                   |                              |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                | Can coordinate with ATC if unable to comply with a clearance, restriction, or climb gradient.                                                                                     |                              | Medium                  |
| Conduct Missed Approach - OEI                | Can maintain the heading, course, or bearing $\pm 5^\circ$ , and altitude(s) $\pm 100$ feet during the missed approach procedure during a one engine inoperative missed approach. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                           |                              |                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                | Can use an MFD and other graphical navigation displays, if installed, to monitor position and track to help navigate the missed approach. |                              | Medium                  |
| Conduct Missed Approach - OEI                | Can demonstrate effective CRM during a one engine inoperative missed approach.                                                            |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                              |                              |                         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                | Can execute re-engagement of the autopilot at appropriate times during the one engine inoperative missed approach procedure. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                 |                              |                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                                                                                                                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                | Can obtain ATC clearance to attempt another approach, proceed to the alternate airport, holding fix, or other clearance limit, as appropriate, or as directed by the evaluator during a one engine inoperative missed approach. |                              | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                               |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                  | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                |                                 | Can identify, assess, and manage risks, encompassing failure to follow prescribed procedures during a one engine inoperative missed approach. | Medium                  |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                 |                         |
|----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                    | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                |                                 | Can identify, assess, and manage risks, encompassing holding, diverting, or electing to fly the approach again during a one engine inoperative missed approach. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                              |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                 | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                |                                 | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach during a one engine inoperative missed approach. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                                             |                         |
|----------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                |                                 | Can identify, assess, and manage risks, encompassing factors that might lead to executing a one engine inoperative missed approach procedure before the MAP or to a go-around below DA/MDA. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3 |                                 |                                                                                                                                                                      |                         |
|----------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                                                         | TASK EXPECTATION RATING |
| Conduct Missed Approach - OEI                |                                 | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems during a one engine inoperative missed approach. | Medium                  |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                                                                           |                                 |                              |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                                                                  | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct OPSPEC C073 - Vertical Navigation (VNAV) Instrument Approach Procedures (IAP) Using Minimum Descent Altitude (MDA) As A Decision Altitude (DA) |                                 |                              | High                    |
| Conduct OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems                                                       |                                 |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 3                                                     |                                                          |                              |                         |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                            | MOTOR SKILL LEARNING OBJECTIVES                          | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct OPSPEC B034 - IFR Class I Terminal and En Route Navigation Using Area Navigation Systems | Can conduct approach operations utilizing C073 criteria. |                              | High                    |

#### 4.4 Course 1 – SIM 4 Learning Objectives

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                              |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct after landing, parking and securing  |                                                                                                              |                              | High                    |
| Conduct after landing, parking and securing  | Can demonstrate runway incursion avoidance procedures.                                                       |                              | High                    |
| Conduct after landing, parking and securing  | Can comply with ATC instructions and perform radio calls as appropriate.                                     |                              | High                    |
| Conduct after landing, parking and securing  | Can coordinate with crew, if applicable, and execute the appropriate checklist(s) after clearing the runway. |                              | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                     |                                                                                                                        |                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                     | ATTITUDE LEARNING OBJECTIVES                                                                                           | TASK EXPECTATION RATING |
| Conduct after landing, parking and securing  | Can perform parking in the appropriate area, considering the safety of nearby persons and property. |                                                                                                                        | High                    |
| Conduct after landing, parking and securing  | Can execute a postflight inspection and document discrepancies and servicing requirements, if any.  |                                                                                                                        | High                    |
| Conduct after landing, parking and securing  | Can perform securing the airplane.                                                                  |                                                                                                                        | High                    |
| Conduct after landing, parking and securing  |                                                                                                     | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions.                        | High                    |
| Conduct after landing, parking and securing  |                                                                                                     | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions. | High                    |
| Conduct after landing, parking and securing  |                                                                                                     | Can identify, assess, and manage risks, encompassing propeller, turbofan inlet, and exhaust safety.                    | High                    |
| Conduct after landing, parking and securing  |                                                                                                     | Can identify, assess, and manage risks, encompassing airport specific security procedures.                             | High                    |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4   |                                       |                                                                                                                                                                                                                                                            |                               |
|------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct after landing,<br>parking and securing |                                       | Can identify, assess,<br>and manage risks,<br>encompassing<br>disembarking<br>passengers.                                                                                                                                                                  | High                          |
| Conduct Before Takeoff<br>Checks               |                                       | Can manage the risk of<br>errors when assigned<br>an RNAV DP and<br>subsequently receives a<br>change of runway,<br>procedure or transition<br>by verifying the<br>appropriate changes are<br>entered and available<br>for navigation prior to<br>takeoff. | High                          |
| Conduct Before Takeoff<br>Checks               |                                       |                                                                                                                                                                                                                                                            | High                          |
| Conduct Before Takeoff<br>Checks               |                                       |                                                                                                                                                                                                                                                            | High                          |
| Conduct Before Takeoff<br>Checks               |                                       |                                                                                                                                                                                                                                                            | High                          |
| Conduct Before Takeoff<br>Checks               |                                       |                                                                                                                                                                                                                                                            | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                               |                                    |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff Checks                |                                                                                                               |                                    | High                          |
| Conduct Before Takeoff Checks                |                                                                                                               |                                    | High                          |
| Conduct Before Takeoff Checks                |                                                                                                               |                                    | High                          |
| Conduct Before Takeoff Checks                |                                                                                                               |                                    | High                          |
| Conduct Before Takeoff Checks                | Can determine the airplane's takeoff performance for actual conditions and planned departure runway           |                                    | High                          |
| Conduct Before Takeoff Checks                | Can coordinate with crew and execute the appropriate checklist(s) prior to takeoff in a timely manner         |                                    | High                          |
| Conduct Before Takeoff Checks                | Can confirm all systems checked are within an acceptable operating range and are safe for the proposed flight |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                             |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff Checks                | Can explain any system operating characteristic or limitation and any corrective action for a malfunction during the checks |                                    | High                          |
| Conduct Before Takeoff Checks                | Can determine airspeeds/V-speeds and set flight instruments appropriately                                                   |                                    | High                          |
| Conduct Before Takeoff Checks                | Can use flight director and autopilot controls for the current flight conditions and takeoff and departure clearances       |                                    | High                          |
| Conduct Before Takeoff Checks                | Can perform configuration of navigation equipment for takeoff and departure clearances                                      |                                    | High                          |
| Conduct Before Takeoff Checks                | Can configure communication equipment for takeoff and departure clearances                                                  |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                                          |                                                                                                                   |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff Checks                | Can obtain and correctly interpret the takeoff and departure clearance                                                                                                                                                   |                                                                                                                   | High                          |
| Conduct Before Takeoff Checks                | Can conduct a briefing that includes procedures for emergency and abnormal situations (e.g., powerplant failure, windshear), which may be encountered during takeoff, and state the planned action if they were to occur |                                                                                                                   | High                          |
| Conduct Before Takeoff Checks                |                                                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing division of attention while conducting before takeoff checks | High                          |
| Conduct Before Takeoff Checks                |                                                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing an unexpected change in the runway to be used for departure  | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                                                                                |                               |
|----------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff Checks                |                                       | Can identify, assess, and manage risks, encompassing failure to verify performance data is correct and airspeeds and flight instruments are set for actual conditions and the departure runway | High                          |
| Conduct Before Takeoff Checks                |                                       | Can identify, assess, and manage risks, encompassing failure to set navigation and communication equipment for departure                                                                       | High                          |
| Conduct Before Takeoff Checks                |                                       | Can identify, assess, and manage risks, encompassing failure to configure autopilot and flight director controls for departure                                                                 | High                          |
| Conduct Before Takeoff Checks                |                                       | Can identify, assess, and manage risks, encompassing failure to account for adverse weather conditions prior to takeoff (e.g., snow, ice, gusting crosswinds, low-visibility)                  | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                          |                                                                                                                                                                                                                                                                            |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff Checks                |                                                                                                                                                          | Can identify, assess, and manage risks, encompassing A powerplant failure during takeoff or other malfunction considering operational factors such as airplane characteristics, runway/takeoff path length, surface conditions, environmental conditions, and obstructions | High                          |
| Conduct Before Takeoff Checks                |                                                                                                                                                          | Can identify, assess, and manage risks, encompassing failure to complete checklist(s)                                                                                                                                                                                      | High                          |
| Conduct Circling Approach                    |                                                                                                                                                          |                                                                                                                                                                                                                                                                            | Medium                        |
| Conduct Circling Approach                    | Can comply with the circling approach procedure considering turbulence, windshear, and the maneuvering capability and approach category of the aircraft. |                                                                                                                                                                                                                                                                            | Medium                        |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                           |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling Approach                    | Can confirm the direction of traffic and adhere to all restrictions and instructions issued by ATC .                                                                                      |                                    | Medium                        |
| Conduct Circling Approach                    | Can perform establishing the correct approach and landing configuration                                                                                                                   |                                    | Medium                        |
| Conduct Circling Approach                    | Can maintain a stabilized approach and a descent rate that ensures arrival at the MDA, or the preselected circling altitude above the MDA, prior to the missed approach point.            |                                    | Medium                        |
| Conduct Circling Approach                    | Can maintain airspeed $\pm 5$ knots, desired heading/track $\pm 5^\circ$ , and altitude $+100/-0$ feet until descending below the MDA or the preselected circling altitude above the MDA. |                                    | Medium                        |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                              |                                                                                                                          |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                        | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling Approach                    | Can perform visually maneuvering to a base or downwind leg appropriate for the landing runway and environmental conditions.                  |                                                                                                                          | Medium                        |
| Conduct Circling Approach                    | Can perform a turn in the appropriate direction using the correct procedure and execute configuring the airplane if a missed approach occurs |                                                                                                                          | Medium                        |
| Conduct Circling Approach                    |                                                                                                                                              | Can identify, assess, and manage risks, encompassing failure to follow prescribed circling approach procedures.          | Medium                        |
| Conduct Circling Approach                    |                                                                                                                                              | Can identify, assess, and manage risks, encompassing executing a circling approach at night or with marginal visibility. | Medium                        |
| Conduct Circling Approach                    |                                                                                                                                              | Can identify, assess, and manage risks, encompassing losing visual contact with an identifiable part of the airport.     | Medium                        |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                              |                               |
|----------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling Approach                    |                                       | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems.         | Medium                        |
| Conduct Circling Approach                    |                                       | Can identify, assess, and manage risks, encompassing failure to maintain an appropriate altitude or airspeed while circling. | Medium                        |
| Conduct Circling Approach                    |                                       | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                | Medium                        |
| Conduct Circling Approach                    |                                       | Can identify, assess, and manage risks, encompassing executing an improper missed approach after the MAP while circling.     | Medium                        |
| Conduct Departure Procedures                 |                                       |                                                                                                                              | High                          |
| Conduct Departure Procedures                 |                                       |                                                                                                                              | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Departure Procedures                 |                                       |                                    | High                          |
| Conduct Departure Procedures                 |                                       |                                    | High                          |
| Conduct Departure Procedures                 |                                       |                                    | High                          |
| Conduct Departure Procedures                 |                                       |                                    | High                          |
| Conduct Departure Procedures                 |                                       |                                    | High                          |
| Conduct Departure Procedures                 |                                       |                                    | High                          |
| Conduct Departure Procedures                 |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                           |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Departure Procedures                 |                                                                                                                                           |                                    | High                          |
| Conduct Departure Procedures                 | Can select the appropriate instrument departure procedure.                                                                                |                                    | High                          |
| Conduct Departure Procedures                 | Can select, identify and use the appropriate communication facilities associated with the procedure                                       |                                    | High                          |
| Conduct Departure Procedures                 | Can select, identify and use the appropriate navigation facilities associated with the procedure                                          |                                    | High                          |
| Conduct Departure Procedures                 | Can perform programming the FMS prior to departure and execute avionics setup of flight director and autopilot controls for the departure |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                              |                                    |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                        | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Departure Procedures                 | Can use current and appropriate navigation publications or databases for the proposed flight                 |                                    | High                          |
| Conduct Departure Procedures                 | Can initiate two-way communications with the proper controlling agency                                       |                                    | High                          |
| Conduct Departure Procedures                 | Can use proper phraseology and comply in a timely manner with all ATC instructions and airspace restrictions |                                    | High                          |
| Conduct Departure Procedures                 | Can perform interception of courses, radials, and bearings appropriate to the procedure, route or clearance  |                                    | High                          |
| Conduct Departure Procedures                 | Can comply with all applicable charted procedures                                                            |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                |                                                                                                                                                  |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                          | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Departure Procedures                 | Can maintain the appropriate airspeed $\pm 10$ knots, headings $\pm 10^\circ$ , and altitude $\pm 100$ feet, and accurately track a course, radial, or bearing |                                                                                                                                                  | High                          |
| Conduct Departure Procedures                 | Can execute the departure phase to a point where the transition to the en route environment is complete                                                        |                                                                                                                                                  | High                          |
| Conduct Departure Procedures                 |                                                                                                                                                                | Can identify, assess, and manage risks, encompassing failure to communicate with ATC or follow published procedures and required climb gradients | High                          |
| Conduct Departure Procedures                 |                                                                                                                                                                | Can identify, assess, and manage risks, encompassing limitations of air traffic avoidance equipment and use of see and avoid techniques          | High                          |
| Conduct Departure Procedures                 |                                                                                                                                                                | Can identify, assess, and manage risks, encompassing improper automation management                                                              | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4      |                                                                                                     |                                                                                                                                           |                               |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                             | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency<br>Procedure -<br>Decompression |                                                                                                     |                                                                                                                                           | High                          |
| Conduct Emergency<br>Procedure -<br>Decompression |                                                                                                     |                                                                                                                                           | High                          |
| Conduct Emergency<br>Procedure -<br>Decompression | Can perform<br>communication with ATC<br>and the evaluator, as<br>appropriate for the<br>situation. |                                                                                                                                           | High                          |
| Conduct Emergency<br>Procedure -<br>Decompression |                                                                                                     | Can identify, assess,<br>and manage risks,<br>encompassing failure<br>to follow proper<br>procedures or<br>checklists in an<br>emergency. | High                          |
| Conduct Emergency<br>Procedure -<br>Decompression |                                                                                                     | Can identify, assess,<br>and manage risks,<br>encompassing multiple<br>failures or system<br>abnormalities.                               | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4              |                                                                                               |                                                                                                                                                       |                               |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                     | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency<br>Procedure -<br>Decompression         |                                                                                               | Can identify, assess,<br>and manage risks,<br>encompassing failure<br>to consider altitude,<br>wind, terrain, and<br>obstructions in an<br>emergency. | High                          |
| Conduct Emergency<br>Procedure -<br>Decompression         |                                                                                               | Can identify, assess,<br>and manage risks,<br>encompassing<br>distractions, loss of<br>situational awareness,<br>or improper task<br>management.      | High                          |
| Conduct Emergency<br>Procedure - EGPWS<br>escape maneuver | Can coordinate with crew<br>and execute the<br>appropriate checklist(s) in<br>a timely manner |                                                                                                                                                       | High                          |
| Conduct Emergency<br>Procedure - EGPWS<br>escape maneuver | Can perform<br>communication with ATC<br>as appropriate for the<br>situation.                 |                                                                                                                                                       | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4        |                                       |                                                                                                                                     |                               |
|-----------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                               | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - EGPWS escape maneuver |                                       | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency.             | High                          |
| Conduct Emergency Procedure - EGPWS escape maneuver |                                       | Can identify, assess, and manage risks, encompassing multiple failures or system abnormalities.                                     | High                          |
| Conduct Emergency Procedure - EGPWS escape maneuver |                                       | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | High                          |
| Conduct Emergency Procedure - EGPWS escape maneuver |                                       | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.      | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4          |                                                                                                     |                                    |                               |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency<br>Procedure - Emergency<br>Descent |                                                                                                     |                                    | High                          |
| Conduct Emergency<br>Procedure - Emergency<br>Descent |                                                                                                     |                                    | High                          |
| Conduct Emergency<br>Procedure - Emergency<br>Descent | Can coordinate with crew<br>and execute the<br>appropriate checklist(s) in<br>a timely manner       |                                    | High                          |
| Conduct Emergency<br>Procedure - Emergency<br>Descent | Can perform<br>communication with ATC<br>and the evaluator, as<br>appropriate for the<br>situation. |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4          |                                       |                                                                                                                                                       |                               |
|-------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency<br>Procedure - Emergency<br>Descent |                                       | Can identify, assess,<br>and manage risks,<br>encompassing failure<br>to follow proper<br>procedures or<br>checklists in an<br>emergency.             | High                          |
| Conduct Emergency<br>Procedure - Emergency<br>Descent |                                       | Can identify, assess,<br>and manage risks,<br>encompassing multiple<br>failures or system<br>abnormalities.                                           | High                          |
| Conduct Emergency<br>Procedure - Emergency<br>Descent |                                       | Can identify, assess,<br>and manage risks,<br>encompassing failure<br>to consider altitude,<br>wind, terrain, and<br>obstructions in an<br>emergency. | High                          |
| Conduct Emergency<br>Procedure - Emergency<br>Descent |                                       | Can identify, assess,<br>and manage risks,<br>encompassing<br>distractions, loss of<br>situational awareness,<br>or improper task<br>management.      | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                           |                                                                                                                                                                                              |                                    |                               |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                  | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                        | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can execute continued takeoff following failures including engine failure after V1, and any critical failures for the aircraft type that could lead to lateral asymmetry during the takeoff; |                                    | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                                                                                                                                                                              |                                    | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                                                                                                                                                                              |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                           |                                                                                                                                                                                                                                                             |                                    |                               |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                  | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can execute continued takeoff if the powerplant failure occurs at a point where the airplane can continue to a specified airspeed and altitude at the end of the runway commensurate with the airplane's performance capabilities and operating limitations |                                    | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can maintain the desired airspeed, $\pm 5$ knots after establishing a climb, and use flight controls in the proper combination as recommended by the manufacturer, to maintain best performance and trim                                                    |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                           |                                                                                                                                        |                                    |                               |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                  | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required |                                    | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can maintain the appropriate heading, $\pm 5^\circ$ , when powerplant failure occurs                                                   |                                    | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can coordinate with crew and execute the appropriate checklist(s) following the powerplant failure.                                    |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                           |                                                                                         |                                                                                                                                                                                                                                                                                        |                               |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                  | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment | Can perform communication with ATC and the evaluator, as appropriate for the situation. |                                                                                                                                                                                                                                                                                        | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                                                                         | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure during takeoff considering operational factors such as takeoff warning inhibit systems, runway/takeoff path length, surface conditions, environment, obstructions, and LAHSO operations. | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                                                                         | Can identify, assess, and manage risks, encompassing failure to brief the plan for a powerplant failure during takeoff, in a crew environment.                                                                                                                                         | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                                    |                                       |                                                                                                                                                             |                               |
|---------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                           | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency<br>Procedure - Powerplant<br>Failure During Second<br>Segment |                                       | Can identify, assess,<br>and manage risks,<br>encompassing failure<br>to follow proper<br>procedures or<br>checklists in an<br>emergency.                   | High                          |
| Conduct Emergency<br>Procedure - Powerplant<br>Failure During Second<br>Segment |                                       | Can identify, assess,<br>and manage risks,<br>encompassing failure<br>to correctly identify the<br>inoperative engine<br>(AMEL, AMES).                      | High                          |
| Conduct Emergency<br>Procedure - Powerplant<br>Failure During Second<br>Segment |                                       | Can identify, assess,<br>and manage risks,<br>encompassing inability<br>to climb or maintain<br>altitude with an<br>inoperative powerplant<br>(AMEL, AMES). | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                           |                                       |                                                                                                                                     |                               |
|------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                  | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                       | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                       | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                       | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Second Segment |                                       | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.      | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                               |                                                             |                                    |                               |
|----------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                      | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Windshear escape during approach and landing | Can perform the aircraft specific windshear escape maneuver |                                    | High                          |
| Conduct Emergency Procedure - Windshear escape during take off             | Can perform the aircraft specific windshear escape maneuver |                                    | High                          |
| Conduct Go-Around/Rejected Landing                                         |                                                             |                                    | High                          |
| Conduct Go-Around/Rejected Landing                                         |                                                             |                                    | High                          |
| Conduct Go-Around/Rejected Landing                                         |                                                             |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                              |                                    |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                        | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           |                                                                                                                                              |                                    | High                          |
| Conduct Go-Around/Rejected Landing           |                                                                                                                                              |                                    | High                          |
| Conduct Go-Around/Rejected Landing           | Can initiate a timely decision to go-around/reject the landing.                                                                              |                                    | High                          |
| Conduct Go-Around/Rejected Landing           | Can apply the appropriate power setting for the flight condition and establish a pitch attitude necessary to obtain the desired performance. |                                    | High                          |
| Conduct Go-Around/Rejected Landing           | Can perform establishing a positive rate of climb and the appropriate airspeed/V-speed, $\pm 5$ knots.                                       |                                    | High                          |
| Conduct Go-Around/Rejected Landing           | Can execute configuration and trimming of the airplane, when appropriate.                                                                    |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                            |                                                                                                                        |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           | Can perform radio calls as appropriate                                                                     |                                                                                                                        | High                          |
| Conduct Go-Around/Rejected Landing           | Can maintain the ground track, heading, or course appropriate for the conditions, or as specified by ATC . |                                                                                                                        | High                          |
| Conduct Go-Around/Rejected Landing           | Can execute the appropriate procedures and checklist(s) in a timely manner.                                |                                                                                                                        | High                          |
| Conduct Go-Around/Rejected Landing           |                                                                                                            | Can identify, assess, and manage risks, encompassing delayed recognition of the need for a go-around/rejected landing. | High                          |
| Conduct Go-Around/Rejected Landing           |                                                                                                            | Can identify, assess, and manage risks, encompassing delayed performance of a go-around at low altitude.               | High                          |
| Conduct Go-Around/Rejected Landing           |                                                                                                            | Can identify, assess, and manage risks, encompassing improper application of power.                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                                                 |                               |
|----------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           |                                       | Can identify, assess, and manage risks, encompassing improper airplane configuration.                                                                           | High                          |
| Conduct Go-Around/Rejected Landing           |                                       | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires vessels, vessels, persons, and wildlife. | High                          |
| Conduct Go-Around/Rejected Landing           |                                       | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                   | High                          |
| Conduct Go-Around/Rejected Landing           |                                       | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.                                  | High                          |
| Conduct Go-Around/Rejected Landing           |                                       | Can identify, assess, and manage risks, encompassing managing a go-around/rejected landing after accepting a LAHSO clearance.                                   | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                                                                                                                  |                                    |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           |                                                                                                                                                                                                                                                                                                  |                                    | High                          |
| Conduct Go-Around/Rejected Landing           | Can describe, perform airborne system use for go-around, including consideration of height loss during transition to a go-around, performance assurance for obstacle clearance, management of any necessary mode changes, and assurance of appropriate vertical and lateral flightpath tracking. |                                    | High                          |
| Conduct Landing From a Circling Approach     |                                                                                                                                                                                                                                                                                                  |                                    | Medium                        |
| Conduct Landing From a Circling Approach     |                                                                                                                                                                                                                                                                                                  |                                    | Medium                        |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                                             |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From a Circling Approach     | Can maintain the airport environment in sight and remain within the circling approach radius applicable to the approach category to a position from which a stabilized descent to landing can be made.                      |                                    | Medium                        |
| Conduct Landing From a Circling Approach     | Can comply with all ATC advisories, such as NOTAMs, windshear, wake turbulence, runway surface, braking conditions, and other operational considerations.                                                                   |                                    | Medium                        |
| Conduct Landing From a Circling Approach     | Can perform alignment of the airplane for a normal landing on the selected runway without excessive maneuvering and without exceeding the normal operating limits of the airplane. The angle of bank should not exceed 30°. |                                    | Medium                        |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                                                            |                                    |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From a Circling Approach     | Can perform smooth, timely, and correct control application throughout the circling maneuver and maintain appropriate airspeed, $\pm 5$ knots. If applicable, maintain altitude $+100/-0$ feet, and desired heading/track, $\pm 5^\circ$ . |                                    | Medium                        |
| Conduct Landing From a Circling Approach     | Can confirm the airplane is configured for landing.                                                                                                                                                                                        |                                    | Medium                        |
| Conduct Landing From a Circling Approach     | Can scan the landing runway and adjoining area for traffic and obstructions                                                                                                                                                                |                                    | Medium                        |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                                           |                                    |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From a Circling Approach     | Can execute touch down at the appropriate speed and pitch attitude at the runway aiming point markings, -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                                    | Medium                        |
| Conduct Landing From a Circling Approach     | Can maintain positive aircraft control throughout the landing using drag and braking devices, as appropriate, to come to a stop.                                                                                          |                                    | Medium                        |
| Conduct Landing From a Circling Approach     | Can demonstrate SRM or CRM, as appropriate.                                                                                                                                                                               |                                    | Medium                        |
| Conduct Landing From a Circling Approach     | Can apply runway incursion avoidance procedures.                                                                                                                                                                          |                                    | Medium                        |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                                                                                                                  |                               |
|----------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing landing<br>from a circling<br>approach                                                                                                                                | Medium                        |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing selection<br>of an approach<br>procedure and runway<br>based on pilot<br>capability, aircraft<br>limitations, available<br>distance, surface<br>conditions, and wind. | Medium                        |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing wake<br>turbulence.                                                                                                                                                   | Medium                        |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for missed approach                                                                                                                                       | Medium                        |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for land and hold short<br>operations (LAHSO)                                                                                                             | Medium                        |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                                                        |                               |
|----------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>collision hazards, to<br>include aircraft, terrain,<br>obstacles, wires,<br>vehicles, vessels,<br>persons, and wildlife. | Medium                        |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for low altitude<br>maneuvering including<br>stall, spin, or CFIT.                              | Medium                        |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for distractions, loss of<br>situational awareness,<br>or improper task<br>management.          | Medium                        |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for attempting to land<br>from an unstable<br>approach.                                         | Medium                        |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                |                                       |                                    |                               |
|-------------------------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                       |                                    | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                       |                                    | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                       |                                    | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can recognize the malfunction.        |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                |                                                                                                                           |                                    |                               |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can coordinate with crew, if applicable, and complete applicable checklist(s) for the malfunction, approach, and landing. |                                    | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can coordinate with ATC as needed and select an airport/runway with sufficient length for landing.                        |                                    | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can calculate the correct airspeeds/V-speeds for approach and landing.                                                    |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                |                                                                                                                                                                              |                                    |                               |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                        | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can perform establishing the recommended approach and landing configuration and airspeed, and adjust pitch attitude and power as required to maintain a stabilized approach. |                                    | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can select a suitable touchdown point considering wind, landing surface, and obstructions.                                                                                   |                                    | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can perform smooth, timely, and correct control application before, during, and after touchdown.                                                                             |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                |                                                                                                                                                                                                                           |                                                                                                                                                                            |                               |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can execute touch down at the appropriate speed and pitch attitude at the runway aiming point markings, -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                                                                                                                                                                            | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can maintain positive aircraft control throughout the landing using drag and braking devices, as appropriate, to come to a stop.                                                                                          |                                                                                                                                                                            | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                                                                                                                                                                                                           | Can identify, assess, and manage risks, encompassing hazards associated with a no flap or nonstandard flap approach and landing to include an asymmetrical flap situation. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                |                                       |                                                                                                                                                                               |                               |
|-------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                       | Can identify, assess, and manage risks, encompassing selection of a runway based on pilot capability, aircraft limitations, available distance, surface conditions, and wind. | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                       | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                                         | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                       | Can identify, assess, and manage risks, encompassing go-around/rejected landing.                                                                                              | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                       | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife.             | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                |                                       |                                                                                                                                |                               |
|-------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                       | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                  | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                       | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                               |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can perform non-normal configuration approaches and landings in instrument conditions. For these approaches, the simulated weather minima may be above, or well above, the lowest minima authorized. Minima should be at levels that might typically be experienced in line operations for a landing with the non-normal condition used. During these approaches, representative autoflight, instrument, and aircraft system configurations or combinations of configurations should be demonstrated (e.g., F/D, autopilot, HUD, vision systems, autothrottles, raw data, and inoperative electrical or hydraulic components). |                                    | High                          |
| Conduct Missed Approach                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    | High                          |
| Conduct Missed Approach                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                                                    |                                    |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                              | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      |                                                                                                                                                                                                                                    |                                    | High                          |
| Conduct Missed Approach                      | Can apply the appropriate power setting for the flight condition and establish a pitch attitude necessary to obtain the desired performance.                                                                                       |                                    | High                          |
| Conduct Missed Approach                      | Can perform retraction of the wing flaps/drag devices and landing gear, if appropriate, in the correct sequence and at a safe altitude, and initiate a positive rate of climb at the appropriate airspeed/V- speed, $\pm 5$ knots. |                                    | High                          |
| Conduct Missed Approach                      | Can coordinate with crew and execute the appropriate procedures and checklist(s) in a timely manner.                                                                                                                               |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                           |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      | Can comply with the published or alternate missed approach procedure.                                                                     |                                    | High                          |
| Conduct Missed Approach                      | Can coordinate with ATC if unable to comply with a clearance, restriction, or climb gradient.                                             |                                    | High                          |
| Conduct Missed Approach                      | Can maintain the heading, course, or bearing $\pm 5^\circ$ , and altitude(s) $\pm 100$ feet during the missed approach procedure.         |                                    | High                          |
| Conduct Missed Approach                      | Can use an MFD and other graphical navigation displays, if installed, to monitor position and track to help navigate the missed approach. |                                    | High                          |
| Conduct Missed Approach                      | Can demonstrate effective CRM                                                                                                             |                                    | High                          |
| Conduct Missed Approach                      | Can execute re-engagement of the autopilot at appropriate times during the missed approach procedure.                                     |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                 |                                                                                                                                              |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                           | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      | Can obtain ATC clearance to attempt another approach, proceed to the alternate airport, holding fix, or other clearance limit, as appropriate, or as directed by the evaluator. |                                                                                                                                              | High                          |
| Conduct Missed Approach                      |                                                                                                                                                                                 | Can identify, assess, and manage risks, encompassing failure to follow prescribed procedures.                                                | High                          |
| Conduct Missed Approach                      |                                                                                                                                                                                 | Can identify, assess, and manage risks, encompassing holding, diverting, or electing to fly the approach again.                              | High                          |
| Conduct Missed Approach                      |                                                                                                                                                                                 | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                   |                                                                                                                                                                      |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      |                                                                                                                                   | Can identify, assess, and manage risks, encompassing factors that might lead to executing a missed approach procedure before the MAP or to a go-around below DA/MDA. | High                          |
| Conduct Missed Approach                      |                                                                                                                                   | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems.                                                 | High                          |
| Conduct Missed Approach                      | Can execute a missed approach from the MDA, DA/DH, or AH.                                                                         |                                                                                                                                                                      | High                          |
| Conduct Missed Approach                      | Can execute a missed approach from a low altitude that could result in a touchdown during go-around (balked or rejected landing). |                                                                                                                                                                      | High                          |
| Conduct Nonprecision Approach                |                                                                                                                                   |                                                                                                                                                                      | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                                                                      |                               |
|----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Nonprecision Approach                |                                       |                                                                                                                                                                                      | High                          |
| Conduct Nonprecision Approach                |                                       |                                                                                                                                                                                      | High                          |
| Conduct Nonprecision Approach                |                                       |                                                                                                                                                                                      | High                          |
| Conduct Nonprecision Approach                |                                       | Can appreciate that there are environments in which using CDFA technique is not advisable or practical, for example airports that do not offer straight in non-precision approaches. | High                          |
| Conduct Nonprecision Approach                |                                       |                                                                                                                                                                                      | High                          |
| Conduct Nonprecision Approach                |                                       |                                                                                                                                                                                      | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                 |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                           | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Nonprecision Approach                |                                                                                                                                                 |                                    | High                          |
| Conduct Nonprecision Approach                |                                                                                                                                                 |                                    | High                          |
| Conduct Nonprecision Approach                | Can perform the nonprecision instrument approaches selected by the instructor/evaluator                                                         |                                    | High                          |
| Conduct Nonprecision Approach                | Can initiate two-way communications with ATC appropriate for the phase of flight or approach segment, and use proper communication phraseology. |                                    | High                          |
| Conduct Nonprecision Approach                | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach.     |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                        |                                    |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Nonprecision Approach                | Can Comply with all clearances issued by ATC .                                                                                                                                                         |                                    | High                          |
| Conduct Nonprecision Approach                | Can recognize if any flight instrumentation is inaccurate or inoperative, and take appropriate action.                                                                                                 |                                    | High                          |
| Conduct Nonprecision Approach                | Can coordinate with ATC if unable to comply with a clearance.                                                                                                                                          |                                    | High                          |
| Conduct Nonprecision Approach                | Can maintain the appropriate airplane configuration and airspeed considering meteorological and operating conditions.                                                                                  |                                    | High                          |
| Conduct Nonprecision Approach                | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                                             |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Nonprecision Approach                | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category |                                    | High                          |
| Conduct Nonprecision Approach                | Can maintain a stabilized descent to the appropriate altitude.                                                                                                                                                              |                                    | High                          |
| Conduct Nonprecision Approach                | Can maintain no more than ¼ scale CDI deflection, airspeed $\pm 5$ knots of selected value, and altitude above MDA +50/-0 feet (to the VDP or MAP) during the final approach segment                                        |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                                                                             |                                                                                                                                           |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Nonprecision Approach                | Can execute the missed approach procedure if the required visual references are not distinctly visible and identifiable at the appropriate point or altitude for the approach profile, or execute a normal landing from a straight-in or circling approach. |                                                                                                                                           | High                          |
| Conduct Nonprecision Approach                | Can use a Multi-Function Display (MFD) and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath.                                                                    |                                                                                                                                           | High                          |
| Conduct Nonprecision Approach                |                                                                                                                                                                                                                                                             | Can identify, assess, and manage risks, encompassing Failure to follow the correct approach procedure (e.g., descending too early, etc.). | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                              |                               |
|----------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Nonprecision Approach                |                                       | Can identify, assess, and manage risks, encompassing Selecting an incorrect navigation frequency.                                            | High                          |
| Conduct Nonprecision Approach                |                                       | Can identify, assess, and manage risks, encompassing Failure to manage automated navigation and auto flight systems.                         | High                          |
| Conduct Nonprecision Approach                |                                       | Can identify, assess, and manage risks, encompassing Failure to ensure proper airplane configuration during an approach and missed approach. | High                          |
| Conduct Nonprecision Approach                |                                       | Can identify, assess, and manage risks, encompassing An unstable approach, including excessive descent rates.                                | High                          |
| Conduct Nonprecision Approach                |                                       | Can identify, assess, and manage risks, encompassing Deteriorating weather conditions on approach.                                           | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4       |                                       |                                                                                                                                                                                                |                               |
|----------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Nonprecision Approach                      |                                       | Can identify, assess, and manage risks, encompassing Operating below the minimum descent altitude (MDA) or continuing a descent below decision altitude (DA) without proper visual references. | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                       |                                                                                                                                                                                                | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                       |                                                                                                                                                                                                | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                       |                                                                                                                                                                                                | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4             |                                                                                                                                                  |                                    |                               |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Approach and Landing<br>with Crosswind |                                                                                                                                                  |                                    | High                          |
| Conduct Normal<br>Approach and Landing<br>with Crosswind | Can coordinate with crew<br>and execute after landing<br>checklists(s).                                                                          |                                    | High                          |
| Conduct Normal<br>Approach and Landing<br>with Crosswind | Can perform radio calls as<br>appropriate                                                                                                        |                                    | High                          |
| Conduct Normal<br>Approach and Landing<br>with Crosswind | Can maintain a ground<br>track that ensures the<br>desired traffic pattern will<br>be flown taking into<br>consideration obstructions<br>and ATC |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4       |                                                                                                                                                                                             |                                    |                               |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can confirm the airplane is aligned with the correct/assigned runway or landing surface.                                                                                                    |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can scan runway or landing surface and adjoining area for traffic and obstructions.                                                                                                         |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can select a suitable touchdown point considering wind, landing surface, and obstructions.                                                                                                  |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can perform establishing the recommended approach and landing configuration and airspeed, $\pm 5$ knots, and adjust pitch attitude and power as required to maintain a stabilized approach. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4       |                                                                                                                                                                                                                                                                                   |                                    |                               |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can maintain directional control and appropriate crosswind correction throughout the approach and landing.                                                                                                                                                                        |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can perform smooth, timely, and correct control application before, during, and after touchdown.                                                                                                                                                                                  |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can execute touch down with the runway centerline between the main landing gear at the appropriate speed and pitch attitude at the runway aiming point markings -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4       |                                                                                                                                                                                                                                                            |                                    |                               |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can execute deceleration to taxi speed (20 knots or less on dry pavement, 10 knots or less on contaminated pavement) to within the calculated landing distance plus 25% for the actual conditions with the runway centerline between the main landing gear |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can execute a timely go-around if the approach cannot be made within the tolerances specified above or for any other condition that may result in an unsafe approach or landing.                                                                           |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can apply runway incursion avoidance procedures.                                                                                                                                                                                                           |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4       |                                       |                                                                                                                                                                                              |                               |
|----------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind |                                       | Can identify, assess, and manage risks, encompassing selection of a runway or approach path and touchdown area based aircraft limitations, available distance, surface conditions, and wind. | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                       | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                                                        | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                       | Can identify, assess, and manage risks, encompassing Go-Around/Rejected Landing                                                                                                              | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                       | Can identify, assess, and manage risks, encompassing land and Hold Short Operations (LAHSO)                                                                                                  | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4       |                                                                                                                       |                                                                                                                                                                                |                               |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                       | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife.              | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                       | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                                  | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                       | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, incorrect airport surface approach and landing, or improper task management. | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can execute normal landings at the lowest applicable minima for each authorized flight guidance and/or visual system. |                                                                                                                                                                                | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4       |                                                                                                                                                                                    |                                    |                               |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                              | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can perform manual rollout in low visibility at applicable minima. (except for aircraft using an automatic fail operational (FO) rollout system)                                   |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can perform landings at the limiting environmental conditions authorized for that operator with respect to wind, crosswind components, and runway surface friction characteristics |                                    | High                          |
| Conduct Normal Takeoff and Climb with Crosswind    |                                                                                                                                                                                    |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4          |                                                                                                                    |                                    |                               |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                              | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                                                                                                    |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                                                                                                    |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                                                                                                    |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can coordinate with crew<br>and complete the<br>appropriate checklist(s)<br>prior to takeoff in a timely<br>manner |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4          |                                                                                                                             |                                    |                               |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can perform radio calls as<br>appropriate                                                                                   |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can verify<br>assigned/correct runway                                                                                       |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can verify the airplane is<br>configured for takeoff                                                                        |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can execute clearing of<br>the area and taxi into<br>takeoff position and align<br>the airplane on the runway<br>centerline |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4          |                                                                                                                                                                                                             |                                    |                               |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can maintain centerline<br>and proper flight control<br>inputs during the takeoff<br>roll                                                                                                                   |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can confirm takeoff<br>power and proper engine<br>and flight instrument<br>indications prior to<br>rotation and perform<br>callouts as appropriate, for<br>the airplane or per the<br>operator's procedures |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can perform rotation and<br>lift off at the<br>recommended airspeed                                                                                                                                         |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can maintain a power<br>setting and a pitch attitude<br>to maintain the desired<br>climb airspeed/V-speed,<br>±5 knots for each climb<br>segment                                                            |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4          |                                                                                                                                                            |                                    |                               |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can maintain desired<br>heading $\pm 5^\circ$                                                                                                              |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can perform Retraction of<br>the landing gear and flaps<br>in accordance with<br>manufacturer or operator<br>procedures and<br>limitations, as appropriate |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can perform wake<br>turbulence avoidance                                                                                                                   |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can follow noise<br>abatement procedures                                                                                                                   |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4          |                                                                             |                                                                                                                                                                                                |                               |
|-------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can execute appropriate<br>after-takeoff checklist(s)<br>in a timely manner |                                                                                                                                                                                                | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                                                             | Can identify, assess,<br>and manage risks,<br>encompassing selection<br>of a runway, or runway<br>intersection aircraft<br>limitations, available<br>distance, surface<br>conditions, and wind | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                                                             | Can identify, assess,<br>and manage risks,<br>encompassing wake<br>turbulence                                                                                                                  | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                                                             | Can demonstrate<br>proper planning for<br>rejected takeoff                                                                                                                                     | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4          |                                       |                                                                                                                                                                                       |                               |
|-------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                       | Can demonstrate<br>proper planning for<br>engine failure in<br>takeoff phase of flight                                                                                                | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                       | Can demonstrate<br>proper planning for<br>engine failure in climb<br>phase of flight                                                                                                  | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                       | Can identify, assess,<br>and manage risks,<br>encompassing<br>improper aircraft<br>configuration or<br>settings (e.g., trim,<br>flaps, autobrakes, etc.)                              | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                       | Can identify, assess,<br>and manage risks,<br>encompassing collision<br>hazards, to include<br>aircraft, terrain,<br>obstacles, wires,<br>vehicles, vessels,<br>persons, and wildlife | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4          |                                                                                                                                                                                                                             |                                                                                                                                                 |                               |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                                                                                                                                                                                                             | Can identify, assess,<br>and manage risks,<br>encompassing<br>distractions, loss of<br>situational awareness,<br>or improper task<br>management | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can perform takeoff in<br>limiting crosswinds,<br>winds, gusts, and runway<br>surface friction to levels<br>authorized. Training<br>should be done at weights<br>or on runways that<br>represent a critical field<br>length |                                                                                                                                                 | High                          |
| Conduct OEI Climb to<br>En Route Altitude             |                                                                                                                                                                                                                             |                                                                                                                                                 | High                          |
| Conduct OEI Climb to<br>En Route Altitude             | Can conduct an OEI climb<br>enroute at either $V_{se}$ or<br>greater, depending on<br>conditions.                                                                                                                           |                                                                                                                                                 | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                                                                 |                                                                |                                    |                               |
|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                          | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct OPSPEC B034<br>- IFR Class I Terminal<br>and En Route<br>Navigation Using Area<br>Navigation Systems |                                                                |                                    | High                          |
| Conduct OPSPEC B034<br>- IFR Class I Terminal<br>and En Route<br>Navigation Using Area<br>Navigation Systems | Can conduct approach<br>operations utilizing C073<br>criteria. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4                                                                                                                                |                                       |                                    |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                                       | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct OPSPEC C073<br>- Vertical Navigation<br>(VNAV) Instrument<br>Approach Procedures<br>(IAP) Using Minimum<br>Descent Altitude<br>(MDA) As A Decision<br>Altitude (DA) |                                       |                                    | High                          |
| Conduct Recovery<br>From Unusual Flight<br>Attitudes                                                                                                                        |                                       |                                    | High                          |
| Conduct Recovery<br>From Unusual Flight<br>Attitudes                                                                                                                        |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4         |                                                                                                                                                       |                                    |                               |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Recovery<br>From Unusual Flight<br>Attitudes |                                                                                                                                                       |                                    | High                          |
| Conduct Recovery<br>From Unusual Flight<br>Attitudes |                                                                                                                                                       |                                    | High                          |
| Conduct Recovery<br>From Unusual Flight<br>Attitudes | Can use instrument cross-<br>check and interpretation to<br>identify a nose low<br>unusual attitude                                                   |                                    | High                          |
| Conduct Recovery<br>From Unusual Flight<br>Attitudes | Can use instrument cross-<br>check and interpretation to<br>identify a nose high<br>unusual attitude                                                  |                                    | High                          |
| Conduct Recovery<br>From Unusual Flight<br>Attitudes | Can apply the appropriate<br>pitch, bank, and power<br>corrections, in the correct<br>sequence, to return to a<br>stabilized level flight<br>attitude |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4         |                                       |                                                                                                                                                                                                           |                               |
|------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Recovery<br>From Unusual Flight<br>Attitudes |                                       | Can identify, assess,<br>and manage risks,<br>encompassing<br>situations that could<br>lead to loss of control<br>or unusual flight<br>attitudes (e.g., stress,<br>task saturation, and<br>distractions). | High                          |
| Conduct Recovery<br>From Unusual Flight<br>Attitudes |                                       | Can identify, assess,<br>and manage risks,<br>encompassing<br>exceeding the<br>operating envelope<br>during the recovery                                                                                  | High                          |
| Conduct Recovery<br>From Unusual Flight<br>Attitudes |                                       | Can identify, assess,<br>and manage risks,<br>encompassing failure<br>to recognize an unusual<br>flight attitude and<br>follow the proper<br>recover procedure                                            | High                          |
| Conduct Recovery<br>From Unusual Flight<br>Attitudes |                                       | Can identify, assess,<br>and manage risks,<br>encompassing<br>exceeding the<br>operating envelope<br>during the recovery                                                                                  | High                          |
| Conduct Steep Turns                                  |                                       |                                                                                                                                                                                                           | High                          |
| Conduct Steep Turns                                  |                                       |                                                                                                                                                                                                           | High                          |
| Conduct Steep Turns                                  |                                       |                                                                                                                                                                                                           | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                           |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Steep Turns                          |                                                                                                                                                           |                                    | High                          |
| Conduct Steep Turns                          |                                                                                                                                                           |                                    | High                          |
| Conduct Steep Turns                          |                                                                                                                                                           |                                    | High                          |
| Conduct Steep Turns                          | Can maintain the manufacturer's recommended airspeed; or if one is not available, an airspeed not to exceed VA                                            |                                    | High                          |
| Conduct Steep Turns                          | Can maintain at least a 45° bank solely by reference to instruments and make a coordinated steep turn of at least 180°                                    |                                    | High                          |
| Conduct Steep Turns                          | Can perform reversal of direction and establish at least a 45° bank solely by reference to instruments and make a coordinated steep turn of at least 180° |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                     |                                                                                                                                                   |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Steep Turns                          | Can perform smooth pitch, bank, and power adjustments as needed                                                                                     |                                                                                                                                                   | High                          |
| Conduct Steep Turns                          | Can maintain the entry altitude $\pm 100$ feet, airspeed $\pm 10$ knots, bank $\pm 5^\circ$ , and roll out on the specified heading, $\pm 10^\circ$ |                                                                                                                                                   | High                          |
| Conduct Steep Turns                          | Can maintain avoidance of any indications of impending stall, abnormal flight attitude, or exceedance of any structural or operating limitation     |                                                                                                                                                   | High                          |
| Conduct Steep Turns                          |                                                                                                                                                     | Can identify, assess, and manage risks, encompassing spatial disorientation when conducting a steep turn while flying by reference to instruments | High                          |
| Conduct Steep Turns                          |                                                                                                                                                     | Can identify, assess, and manage risks, encompassing failure to maintain coordinated flight                                                       | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                          |                                                                                                                               |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Steep Turns                          |                                                                                                          | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management | High                          |
| Conduct Taxi                                 |                                                                                                          |                                                                                                                               | High                          |
| Conduct Taxi                                 |                                                                                                          |                                                                                                                               | High                          |
| Conduct Taxi                                 |                                                                                                          |                                                                                                                               | High                          |
| Conduct Taxi                                 |                                                                                                          |                                                                                                                               | High                          |
| Conduct Taxi                                 |                                                                                                          |                                                                                                                               | High                          |
| Conduct Taxi                                 |                                                                                                          |                                                                                                                               | High                          |
| Conduct Taxi                                 |                                                                                                          |                                                                                                                               | High                          |
| Conduct Taxi                                 | Can record taxi instructions, respond to taxi clearances, and review taxi routes on the airport diagram. |                                                                                                                               | High                          |
| Conduct Taxi                                 | Can use an airport diagram or taxi chart during taxi                                                     |                                                                                                                               | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                 |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                           | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can comply with ATC clearances and instructions and observe all runway hold lines, ILS critical areas, beacons, and other airport/taxiway markings and lighting |                                    | High                          |
| Conduct Taxi                                 | Can coordinate with crew, if applicable, and complete the appropriate checklist(s) prior to and during taxi                                                     |                                    | High                          |
| Conduct Taxi                                 | Can maintain situational awareness during taxi                                                                                                                  |                                    | High                          |
| Conduct Taxi                                 | Can maintain correct and positive airplane control, proper speed, appropriate use of wheel brakes and reverse thrust                                            |                                    | High                          |
| Conduct Taxi                                 | Can maintain separation between other aircraft, vehicles, and persons to avoid an incursion/incident/accident                                                   |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                 |                                                                                                                       |                               |
|----------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                           | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can use aircraft exterior lighting for day and night operations |                                                                                                                       | High                          |
| Conduct Taxi                                 |                                                                 | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions                        | High                          |
| Conduct Taxi                                 |                                                                 | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions | High                          |
| Conduct Taxi                                 |                                                                 | Can identify, assess, and manage risks, encompassing a taxi route or departure runway change                          | High                          |
| Conduct Taxi                                 |                                                                 | Can identify, assess, and manage risks, encompassing failure to complete checklist(s)                                 | High                          |
| Conduct Taxi                                 |                                                                 | Can identify, assess, and manage risks, encompassing low visibility taxi operations                                   | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Low visibility taxi and ground operations should be trained to the extent practical and beneficial. Such training should address operations at typical airports or alternately, at airports frequently experiencing low-visibility conditions, complex airports on the operator's route system, airports with particular low visibility ground movement difficulties, or rarely used but significant contingency airports, as determined appropriate by the operator. |                                    | High                          |
| Conduct Taxi                                 | perform either PF or PM duties, unless otherwise limited by the operator's policies or aircraft characteristics (e.g., single HUD).                                                                                                                                                                                                                                                                                                                                   |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                                                                                             |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Taxi                                 | Can apply use of the airport diagram after receiving a clearance, and confirms and verbalizes the assigned runway and taxi route, including any instructions to hold short of, or cross, a runway. If there is any doubt, speaks up and resolve the uncertainty before taxi |                                    | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                   |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can use airport diagram to follow progress of the taxi operation                                                                                                                  |                                    | High                          |
| Conduct Taxi                                 | Can execute bringing the aircraft to a complete stop, or be in a phase of taxiing that has no risk of a runway incursion before continuing with operational duties and checklists |                                    | High                          |
| Conduct Taxi                                 | Can execute turning on the rotating beacon whenever an engine is running                                                                                                          |                                    | High                          |
| Conduct Taxi                                 | Can execute turning on navigation, position, anti-collision, and logo lights, if available, to signal intent to other pilots prior to commencing taxi                             |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                   |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can execute turning on the taxi light when the aircraft is moving or intending to move on the ground, and turning it off when stopped or yielding or as a consideration to other pilots or ground personnel |                                                                                                                                                                                                                                                                                                   | High                          |
| Conduct Taxi                                 | Can execute illuminating all lights when crossing a runway when appropriate                                                                                                                                 |                                                                                                                                                                                                                                                                                                   | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                             | Can conduct a briefing on the timing and execution of aircraft checklists and company communications at the appropriate times and locations, ensuring the pilot who is not taxiing the aircraft can be available to participate in verbal coordination with the pilot who is taxiing the aircraft | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                                                                                                                                                    |                               |
|----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can consider the anticipated duration of the taxi operation, the locations of hot spots/complex intersections and runway crossings, and the visibility along the taxi route when briefing tasks or accomplishing checklists                                        | High                          |
| Conduct Taxi                                 |                                       | Can manage pilot workload and heads-down time during taxi by conducting predeparture checklists, including setting the takeoff flap setting, when the aircraft is stopped or while taxiing straight ahead on a taxiway without complex intersections and hot spots | High                          |
| Conduct Taxi                                 |                                       | Can maintain a sterile cockpit during taxi operations                                                                                                                                                                                                              | High                          |
| Conduct Taxi                                 |                                       | Can manage the risk of expectation bias, and follow the clearance or instructions that are actually received, and not the ones they expected to receive.                                                                                                           | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                                                                                  |                               |
|----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can be alert to ATC instructions to hold short of an ILS critical area holding line.                                                                                                             | High                          |
| Conduct Taxi                                 |                                       | Can monitor the aircraft's progress on the airport diagram to ensure that the pilot taxiing the aircraft is following the instructions received from the ATC while maintaining outside vigilance | High                          |
| Conduct Taxi                                 |                                       | Can respond to all hold short instructions, and verifies with other crew members or ATC to ensure agreement and understanding                                                                    | High                          |
| Conduct Taxi                                 |                                       | Can comply with hold short or crossing clearance when approaching an entrance to a runway.                                                                                                       | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                                                                                                                                     |                               |
|----------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can explain or demonstrate proper actions if the crew becomes disoriented: never stop on a runway, and initiate communications with ATC to regain orientation.                                                                                      | High                          |
| Conduct Taxi                                 |                                       | Can demonstrate vigilance when instructed to taxi and “Line Up and Wait”. Turns Traffic Alert and Collision Avoidance System (TCAS)/traffic advisory systems (TAS) on in order obtain awareness of any aircraft that may be landing on your runway. | High                          |
| Conduct Taxi                                 |                                       | Can determine whether or not to accept last-minute turnoff instructions from ATC, refusing such clearance unless the crew clearly understands the instructions and are certain that they can safely comply.                                         | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                                                                                                                                                 |                               |
|----------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can resolve all misunderstandings or disagreements regarding taxi clearance to the satisfaction of all flightcrew members before taxiing the aircraft.                                                                                                          | High                          |
| Conduct Taxi                                 |                                       | Can coordinate with other flightcrew member(s) if stopping and resuming the monitoring of the ATC frequency, for example when it becomes necessary for a flightcrew member to stop monitoring any ATC frequency to prepare the aircraft for takeoff or landing. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                                                                                                                                                                                       |                               |
|----------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can assess any upcoming hold short instructions or clearances that could be misinterpreted prior to stopping and after resuming monitoring of the taxi. An example may include: "I'm heads-down, right turn ahead at Alpha," or "I'm back, any changes?"                                              | High                          |
| Conduct Taxi                                 |                                       | Can appreciate that time away from monitoring ATC should be avoided with complex taxi routing or crossing of runways. Any instructions or information received or transmitted during that flightcrew member's absence from the ATC frequency should be reviewed and confirmed upon his or her return. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                                                                                                                                                                                                                |                               |
|----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can coordinate verbally at complex intersections to be sure that: the intersection is correctly identified and confirmed using the airport diagram and the heading indicator                                                                                                                                                   | High                          |
| Conduct Taxi                                 |                                       | Can state “approaching (specific runway number) hold short line. Before crossing any hold short line, the flightcrew should visually scan to the left and to the right, including the full length of the runway and its approach paths, and coordinate verbally (e.g., “clear right/left” or that the scan area is not clear). | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                                                                                                                                                                                                      |                               |
|----------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can coordinate verbally and agree on the runway assigned by ATC, the upcoming assigned exit, and any restrictions, such as hold short points of an intersecting runway and the aircraft's parking area after landing | High                          |
| Conduct Taxi                                 |                                       | Can consider any adverse effects to safety that illuminating the forward-facing lights will have on the vision of other pilots or ground personnel during runway crossings, and adjust operation accordingly         | High                          |
| Conduct Taxi                                 |                                       |                                                                                                                                                                                                                      | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                           |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  | Can respond to the RA with positive control inputs, when required, while the PM provides updates on the traffic location and cross-checks between the traffic display and monitors the response to the RA |                                    | High                          |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  | Can interpret the displayed information, and recognize the intruder causing the issuance of the RA (red square on display).                                                                               |                                    | High                          |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  | Can respond to the corrective RA in the proper direction within 5 seconds of the RA being displayed                                                                                                       |                                    | High                          |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  | Can respond to a change in the initially displayed RA within 2.5 seconds                                                                                                                                  |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                     |                                    |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  | Can recognize and<br>respond to altitude<br>crossing RAs                                                            |                                    | High                          |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  | Can respond to preventive<br>RAs by ensuring the VS<br>needle remains outside the<br>red area on the RA<br>display. |                                    | High                          |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  | Can maintain vertical<br>speed during "maintain<br>rate" Ras                                                        |                                    | High                          |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  | Can recognize that a<br>maintain rate RA may<br>result in crossing through<br>the intruder's altitude.              |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                         |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                              | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  |                                                                                                                                                                                    | Can appreciate that if a decision is made to not follow an RA, no changes in the existing VS are made in a direction opposite to the sense of the displayed RA. Pilots should be aware that if the intruder is also TCAS equipped, the decision to not follow an RA may result in a decrease in separation at CPA because of the intruder's RA response | High                          |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  | Can execute a return towards the original clearance when the RA weakens, and when clear of conflict is annunciated, pilot executes a complete the return to the original clearance |                                                                                                                                                                                                                                                                                                                                                         | High                          |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  |                                                                                                                                                                                    | Can inform the controller of the RA as soon as time and workload permit, using the standard phraseology                                                                                                                                                                                                                                                 | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                                                        |                                                                                                                                                        |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  | Can comply with an ATC clearance while responding to an RA when possible. (For example, if the aircraft can level at the assigned altitude while responding to a reduce climb or reduce descent RA, it should be done) |                                                                                                                                                        | High                          |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  |                                                                                                                                                                                                                        | Can appreciate that If pilots simultaneously receive instructions to maneuver from ATC and an RA that are in conflict, the pilot should follow the RA. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  |                                                                                                                                                                                            | Can appreciate that TCAS only considers intruders that it believes to be a threat when selecting an RA. As such, it is possible for TCAS to issue an RA against one intruder that results in a maneuver towards another intruder that is not classified as a threat. If the second intruder becomes a threat, the RA will be modified to provide separation from that intruder. | High                          |
| Conduct TCAS<br>Resolution Advisory<br>(RA)  |                                                                                                                                                                                            | Can appreciate the consequences of both responding to, and not responding to, an RA                                                                                                                                                                                                                                                                                             | High                          |
| Conduct TCAS Traffic<br>Advisory (TA)        |                                                                                                                                                                                            | Can confirm that the aircraft they have visually acquired is that which has caused the TA to be issued                                                                                                                                                                                                                                                                          | High                          |
| Conduct TCAS Traffic<br>Advisory (TA)        | Can use all information shown on the display, and interpret bearing and range of the intruder (amber circle), whether it is above or below (data tag), and its VS direction (trend arrow). |                                                                                                                                                                                                                                                                                                                                                                                 | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                                                                                                                                  |                                                                                                                                                                                                                               |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS Traffic Advisory (TA)           | Can use other available information is used to assist in visual acquisition. This includes ATC party-line information, traffic flow in use, etc. |                                                                                                                                                                                                                               | High                          |
| Conduct TCAS Traffic Advisory (TA)           |                                                                                                                                                  | Can appreciate that the PF should not maneuver the aircraft based solely on the information shown on the TCAS display. No attempt should be made to adjust the current flightpath in anticipation of what an RA would advise. | High                          |
| Conduct TCAS Traffic Advisory (TA)           |                                                                                                                                                  | Can appreciate the limitations of making maneuvers based solely on visual acquisition, especially at high altitude or without a definite horizon                                                                              | High                          |
| Conduct TCAS Traffic Advisory (TA)           |                                                                                                                                                  | Can take account of traffic advisory while preparing for a potential resolution advisory (pilot flying)                                                                                                                       | High                          |
| Conduct TCAS Traffic Advisory (TA)           |                                                                                                                                                  | Can monitor traffic location shown on the TCAS display, using this information to help visually acquire the intruder.                                                                                                         | High                          |
| Conduct Visual Approach (VFR Procedures)     |                                                                                                                                                  |                                                                                                                                                                                                                               | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 4 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Visual Approach (VFR Procedures)     | Can conduct a visual approach.        |                                    | High                          |

#### 4.5 Course 1 – SIM 5 Learning Objectives

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5    |                                                                                                                                   |                                    |                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct approach and landing with pitch mistrim |                                                                                                                                   |                                    | High                          |
| Conduct approach and landing with pitch mistrim |                                                                                                                                   |                                    | High                          |
| Conduct approach and landing with pitch mistrim |                                                                                                                                   |                                    | High                          |
| Conduct approach and landing with pitch mistrim |                                                                                                                                   |                                    | High                          |
| Conduct approach and landing with pitch mistrim | Can coordinate with crew and execute after landing checklists(s).                                                                 |                                    | High                          |
| Conduct approach and landing with pitch mistrim | Can perform radio calls as appropriate                                                                                            |                                    | High                          |
| Conduct approach and landing with pitch mistrim | Can maintain a ground track that ensures the desired traffic pattern will be flown taking into consideration obstructions and ATC |                                    | High                          |
| Conduct approach and landing with pitch mistrim | Can confirm the airplane is aligned with the correct/assigned runway or landing surface.                                          |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5    |                                                                                                                                                                                             |                                    |                               |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct approach and landing with pitch mistrim | Can scan runway or landing surface and adjoining area for traffic and obstructions.                                                                                                         |                                    | High                          |
| Conduct approach and landing with pitch mistrim | Can select a suitable touchdown point considering wind, landing surface, and obstructions.                                                                                                  |                                    | High                          |
| Conduct approach and landing with pitch mistrim | Can perform establishing the recommended approach and landing configuration and airspeed, $\pm 5$ knots, and adjust pitch attitude and power as required to maintain a stabilized approach. |                                    | High                          |
| Conduct approach and landing with pitch mistrim | Can maintain directional control and appropriate crosswind correction throughout the approach and landing.                                                                                  |                                    | High                          |
| Conduct approach and landing with pitch mistrim | Can perform smooth, timely, and correct control application before, during, and after touchdown.                                                                                            |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5    |                                                                                                                                                                                                                                                                                   |                                    |                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct approach and landing with pitch mistrim | Can execute touch down with the runway centerline between the main landing gear at the appropriate speed and pitch attitude at the runway aiming point markings -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                                    | High                          |
| Conduct approach and landing with pitch mistrim | Can execute deceleration to taxi speed (20 knots or less on dry pavement, 10 knots or less on contaminated pavement) to within the calculated landing distance plus 25% for the actual conditions with the runway centerline between the main landing gear                        |                                    | High                          |
| Conduct approach and landing with pitch mistrim | Can execute a timely go-around if the approach cannot be made within the tolerances specified above or for any other condition that may result in an unsafe approach or landing.                                                                                                  |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5    |                                                  |                                    |                               |
|-------------------------------------------------|--------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING<br>OBJECTIVES            | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct approach and landing with pitch mistrim | Can apply runway incursion avoidance procedures. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5    |                                       |                                                                                                                                                                                              |                               |
|-------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct approach and landing with pitch mistrim |                                       | Can identify, assess, and manage risks, encompassing selection of a runway or approach path and touchdown area based aircraft limitations, available distance, surface conditions, and wind. | High                          |
| Conduct approach and landing with pitch mistrim |                                       | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                                                        | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5    |                                       |                                                                                                                                                                   |                               |
|-------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct approach and landing with pitch mistrim |                                       | Can identify, assess, and manage risks, encompassing Go-Around/Rejected Landing                                                                                   | High                          |
| Conduct approach and landing with pitch mistrim |                                       | Can identify, assess, and manage risks, encompassing land and Hold Short Operations (LAHSO)                                                                       | High                          |
| Conduct approach and landing with pitch mistrim |                                       | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | High                          |
| Conduct approach and landing with pitch mistrim |                                       | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                     | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5    |                                       |                                                                                                                                                                                                                              |                               |
|-------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct approach and landing with pitch mistrim |                                       | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, incorrect airport surface approach and landing, or improper task management.                                               | High                          |
| Conduct Before Takeoff Checks                   |                                       | Can manage the risk of errors when assigned an RNAV DP and subsequently receives a change of runway, procedure or transition by verifying the appropriate changes are entered and available for navigation prior to takeoff. | High                          |
| Conduct Before Takeoff Checks                   |                                       |                                                                                                                                                                                                                              | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff<br>Checks             |                                       |                                    | High                          |
| Conduct Before Takeoff<br>Checks             |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff<br>Checks             |                                       |                                    | High                          |
| Conduct Before Takeoff<br>Checks             |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff<br>Checks             |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff<br>Checks             |                                       |                                    | High                          |
| Conduct Before Takeoff<br>Checks             |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                     |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff Checks                | Can determine the airplane's takeoff performance for actual conditions and planned departure runway |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                               |                                    |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff Checks                | Can coordinate with crew and execute the appropriate checklist(s) prior to takeoff in a timely manner         |                                    | High                          |
| Conduct Before Takeoff Checks                | Can confirm all systems checked are within an acceptable operating range and are safe for the proposed flight |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                             |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff Checks                | Can explain any system operating characteristic or limitation and any corrective action for a malfunction during the checks |                                    | High                          |
| Conduct Before Takeoff Checks                | Can determine airspeeds/V-speeds and set flight instruments appropriately                                                   |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                       |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff Checks                | Can use flight director and autopilot controls for the current flight conditions and takeoff and departure clearances |                                    | High                          |
| Conduct Before Takeoff Checks                | Can perform configuration of navigation equipment for takeoff and departure clearances                                |                                    | High                          |
| Conduct Before Takeoff Checks                | Can configure communication equipment for takeoff and departure clearances                                            |                                    | High                          |
| Conduct Before Takeoff Checks                | Can obtain and correctly interpret the takeoff and departure clearance                                                |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                          |                                                                                                                                                                                                |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff Checks                | Can conduct a briefing that includes procedures for emergency and abnormal situations (e.g., powerplant failure, windshear), which may be encountered during takeoff, and state the planned action if they were to occur |                                                                                                                                                                                                | High                          |
| Conduct Before Takeoff Checks                |                                                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing division of attention while conducting before takeoff checks                                                                              | High                          |
| Conduct Before Takeoff Checks                |                                                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing an unexpected change in the runway to be used for departure                                                                               | High                          |
| Conduct Before Takeoff Checks                |                                                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing failure to verify performance data is correct and airspeeds and flight instruments are set for actual conditions and the departure runway | High                          |
| Conduct Before Takeoff Checks                |                                                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing failure to set navigation and communication equipment for departure                                                                       | High                          |
| Conduct Before Takeoff Checks                |                                                                                                                                                                                                                          | Can identify, assess, and manage risks, encompassing failure to configure autopilot and flight director controls for departure                                                                 | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                          |                                                                                                                                                                                                                                                                            |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct Before Takeoff Checks                |                                                                                                                                                          | Can identify, assess, and manage risks, encompassing failure to account for adverse weather conditions prior to takeoff (e.g., snow, ice, gusting crosswinds, low-visibility)                                                                                              | High                          |
| Conduct Before Takeoff Checks                |                                                                                                                                                          | Can identify, assess, and manage risks, encompassing A powerplant failure during takeoff or other malfunction considering operational factors such as airplane characteristics, runway/takeoff path length, surface conditions, environmental conditions, and obstructions | High                          |
| Conduct Before Takeoff Checks                |                                                                                                                                                          | Can identify, assess, and manage risks, encompassing failure to complete checklist(s)                                                                                                                                                                                      | High                          |
| Conduct Circling Approach                    |                                                                                                                                                          |                                                                                                                                                                                                                                                                            | High                          |
| Conduct Circling Approach                    | Can comply with the circling approach procedure considering turbulence, windshear, and the maneuvering capability and approach category of the aircraft. |                                                                                                                                                                                                                                                                            | High                          |
| Conduct Circling Approach                    | Can confirm the direction of traffic and adhere to all restrictions and instructions issued by ATC .                                                     |                                                                                                                                                                                                                                                                            | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                           |                                                                                                                          |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling Approach                    | Can perform establishing the correct approach and landing configuration                                                                                                                   |                                                                                                                          | High                          |
| Conduct Circling Approach                    | Can maintain a stabilized approach and a descent rate that ensures arrival at the MDA, or the preselected circling altitude above the MDA, prior to the missed approach point.            |                                                                                                                          | High                          |
| Conduct Circling Approach                    | Can maintain airspeed $\pm 5$ knots, desired heading/track $\pm 5^\circ$ , and altitude $+100/-0$ feet until descending below the MDA or the preselected circling altitude above the MDA. |                                                                                                                          | High                          |
| Conduct Circling Approach                    | Can perform visually maneuvering to a base or downwind leg appropriate for the landing runway and environmental conditions.                                                               |                                                                                                                          | High                          |
| Conduct Circling Approach                    | Can perform a turn in the appropriate direction using the correct procedure and execute configuring the airplane if a missed approach occurs                                              |                                                                                                                          | High                          |
| Conduct Circling Approach                    |                                                                                                                                                                                           | Can identify, assess, and manage risks, encompassing failure to follow prescribed circling approach procedures.          | High                          |
| Conduct Circling Approach                    |                                                                                                                                                                                           | Can identify, assess, and manage risks, encompassing executing a circling approach at night or with marginal visibility. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                              |                               |
|----------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling Approach                    |                                       | Can identify, assess, and manage risks, encompassing losing visual contact with an identifiable part of the airport.         | High                          |
| Conduct Circling Approach                    |                                       | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems.         | High                          |
| Conduct Circling Approach                    |                                       | Can identify, assess, and manage risks, encompassing failure to maintain an appropriate altitude or airspeed while circling. | High                          |
| Conduct Circling Approach                    |                                       | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                | High                          |
| Conduct Circling Approach                    |                                       | Can identify, assess, and manage risks, encompassing executing an improper missed approach after the MAP while circling.     | High                          |
| Conduct Departure Procedures                 |                                       |                                                                                                                              | High                          |
| Conduct Departure Procedures                 |                                       |                                                                                                                              | High                          |
| Conduct Departure Procedures                 |                                       |                                                                                                                              | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Departure Procedures                 |                                       |                                    | High                          |
| Conduct Departure Procedures                 |                                       |                                    | High                          |
| Conduct Departure Procedures                 |                                       |                                    | High                          |
| Conduct Departure Procedures                 |                                       |                                    | High                          |
| Conduct Departure Procedures                 |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                           |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Departure Procedures                 |                                                                                                                                           |                                    | High                          |
| Conduct Departure Procedures                 |                                                                                                                                           |                                    | High                          |
| Conduct Departure Procedures                 | Can select the appropriate instrument departure procedure.                                                                                |                                    | High                          |
| Conduct Departure Procedures                 | Can select, identify and use the appropriate communication facilities associated with the procedure                                       |                                    | High                          |
| Conduct Departure Procedures                 | Can select, identify and use the appropriate navigation facilities associated with the procedure                                          |                                    | High                          |
| Conduct Departure Procedures                 | Can perform programming the FMS prior to departure and execute avionics setup of flight director and autopilot controls for the departure |                                    | High                          |
| Conduct Departure Procedures                 | Can use current and appropriate navigation publications or databases for the proposed flight                                              |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                |                                    |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                          | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Departure Procedures                 | Can initiate two-way communications with the proper controlling agency                                                                                         |                                    | High                          |
| Conduct Departure Procedures                 | Can use proper phraseology and comply in a timely manner with all ATC instructions and airspace restrictions                                                   |                                    | High                          |
| Conduct Departure Procedures                 | Can perform interception of courses, radials, and bearings appropriate to the procedure, route or clearance                                                    |                                    | High                          |
| Conduct Departure Procedures                 | Can comply with all applicable charted procedures                                                                                                              |                                    | High                          |
| Conduct Departure Procedures                 | Can maintain the appropriate airspeed $\pm 10$ knots, headings $\pm 10^\circ$ , and altitude $\pm 100$ feet, and accurately track a course, radial, or bearing |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                 |                                                                                                         |                                                                                                                                                  |                               |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Departure Procedures                                                 | Can execute the departure phase to a point where the transition to the en route environment is complete |                                                                                                                                                  | High                          |
| Conduct Departure Procedures                                                 |                                                                                                         | Can identify, assess, and manage risks, encompassing failure to communicate with ATC or follow published procedures and required climb gradients | High                          |
| Conduct Departure Procedures                                                 |                                                                                                         | Can identify, assess, and manage risks, encompassing limitations of air traffic avoidance equipment and use of see and avoid techniques          | High                          |
| Conduct Departure Procedures                                                 |                                                                                                         | Can identify, assess, and manage risks, encompassing improper automation management                                                              | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                                                                                         |                                                                                                                                                  | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                 |                                                                                                                                                                                  |                                    |                               |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                                                                                                                                                                  |                                    | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                                                                                                                                                                  |                                    | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can recognize and correctly identify powerplant failure, execute memory items, and maintain positive airplane control.                                                           |                                    | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can coordinate with crew, if applicable, and complete the appropriate emergency procedures and checklist(s) for simulated propeller feathering or simulated powerplant shutdown. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                 |                                                                                                                                        |                                    |                               |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required |                                    | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can maintain the operating powerplant(s) within acceptable operating limits.                                                           |                                    | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can perform communication with ATC and the evaluator, as appropriate for the situation.                                                |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                 |                                                                                                                                                                                                        |                                    |                               |
|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment. |                                    | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can perform establishing the recommended approach and landing configuration and airspeed, $\pm 5$ knots, and adjust pitch attitude and power as required to maintain a stabilized approach.            |                                    | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can maintain directional control and appropriate crosswind correction throughout the approach and landing.                                                                                             |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                 |                                                                                                                                                                                                                           |                                                                                                                               |                               |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can perform smooth, timely, and correct control application before, during, and after touchdown.                                                                                                                          |                                                                                                                               | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can execute touch down at the appropriate speed and pitch attitude at the runway aiming point markings, -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                                                                                                                               | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can maintain positive aircraft control throughout the landing using drag and braking devices, as appropriate, to come to a stop.                                                                                          |                                                                                                                               | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can coordinate with crew and execute after landing checklists(s).                                                                                                                                                         |                                                                                                                               | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                                                                                                                                                                                                           | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure inflight or during an approach. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                 |                                       |                                                                                                                                                                   |                               |
|------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                       | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                       | Can identify, assess, and manage risks, encompassing improper airplane configuration.                                                                             | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                       | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                     | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                       | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.                                    | High                          |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure |                                       | Can identify, assess, and manage risks, encompassing performing a go-around/rejected landing with a powerplant failure.                                           | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                 |                                                                                         |                                                                                                                         |                               |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Approach and Landing with a Powerplant Failure | Can respond appropriately to engine failure prior to or during an approach.             |                                                                                                                         | High                          |
| Conduct Emergency Procedure - Emergency evacuation                           |                                                                                         |                                                                                                                         | High                          |
| Conduct Emergency Procedure - Emergency evacuation                           | Can perform communication with ATC and the evaluator, as appropriate for the situation. |                                                                                                                         | High                          |
| Conduct Emergency Procedure - Emergency evacuation                           |                                                                                         | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency. | High                          |
| Conduct Emergency Procedure - Emergency evacuation                           |                                                                                         | Can identify, assess, and manage risks, encompassing multiple failures or system abnormalities.                         | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5          |                                                                                         |                                                                                                                                     |                               |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Emergency evacuation    |                                                                                         | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | High                          |
| Conduct Emergency Procedure - Emergency evacuation    |                                                                                         | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.      | High                          |
| Conduct Emergency Procedure - Inflight fire and smoke |                                                                                         |                                                                                                                                     | High                          |
| Conduct Emergency Procedure - Inflight fire and smoke |                                                                                         |                                                                                                                                     | High                          |
| Conduct Emergency Procedure - Inflight fire and smoke | Can perform communication with ATC and the evaluator, as appropriate for the situation. |                                                                                                                                     | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                          |                                       |                                                                                                                                     |                               |
|-----------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Inflight fire and smoke                 |                                       | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency.             | High                          |
| Conduct Emergency Procedure - Inflight fire and smoke                 |                                       | Can identify, assess, and manage risks, encompassing multiple failures or system abnormalities.                                     | High                          |
| Conduct Emergency Procedure - Inflight fire and smoke                 |                                       | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | High                          |
| Conduct Emergency Procedure - Inflight fire and smoke                 |                                       | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.      | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                       |                                                                                                                                     | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                          |                                                                                                                                             |                                    |                               |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                                                                                                                             |                                    | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can recognize and correctly identify powerplant failure, execute memory items, and maintain positive airplane control.                      |                                    | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can coordinate with crew and execute the appropriate emergency procedures and checklist(s) for propeller feathering or powerplant shutdown. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                          |                                                                                                                                        |                                    |                               |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required |                                    | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can determine the cause for the powerplant failure and assess if a restart is a viable option.                                         |                                    | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can maintain the operating powerplant(s) within acceptable operating limits.                                                           |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                          |                                                                                                                                                                                       |                                    |                               |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can maintain airspeed $\pm 10$ knots, specified heading $\pm 10^\circ$ and altitude $\pm 100$ feet as specified                                                                       |                                    | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can assess powerplant restart and, if appropriate, demonstrate the powerplant restart procedures in accordance with the manufacturer or operator specified procedures and checklists. |                                    | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can select the nearest suitable airport or landing area.                                                                                                                              |                                    | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart | Can perform communication with ATC as appropriate for the situation.                                                                                                                  |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                          |                                       |                                                                                                                                                                   |                               |
|-----------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                       | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure during flight.                                                      | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                       | Can identify, assess, and manage risks, encompassing failure to follow checklist procedures for a powerplant failure or a powerplant restart.                     | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                       | Can identify, assess, and manage risks, encompassing incorrect diagnosis of the cause of the powerplant failure.                                                  | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart |                                       | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                      |                                                                                                                                                                                                           |                                                                                                                                                                                     |                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                             | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart             |                                                                                                                                                                                                           | Can identify, assess, and manage risks, encompassing improper airplane configuration.                                                                                               | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart             |                                                                                                                                                                                                           | Can identify, assess, and manage risks, encompassing factors and situations that could lead to an inadvertent stall, spin, and loss of control with an inflight powerplant failure. | High                          |
| Conduct Emergency Procedure - Inflight Powerplant Failure and Restart             |                                                                                                                                                                                                           | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.                                                      | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> | Can execute continued takeoff following failures including engine failure after V <sub>1</sub> , and any critical failures for the aircraft type that could lead to lateral asymmetry during the takeoff; |                                                                                                                                                                                     | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                      |                                                                                                                                                                                                                                                             |                                    |                               |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                             | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> | Can execute continued takeoff if the powerplant failure occurs at a point where the airplane can continue to a specified airspeed and altitude at the end of the runway commensurate with the airplane's performance capabilities and operating limitations |                                    | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> | Can maintain the desired airspeed, $\pm 5$ knots after establishing a climb, and use flight controls in the proper combination as recommended by the manufacturer, to maintain best performance and trim                                                    |                                    | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required                                                                                                                      |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                      |                                                                                                     |                                                                                                                                                                                                                                                                                        |                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                             | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> | Can maintain the appropriate heading, $\pm 5^\circ$ , when powerplant failure occurs                |                                                                                                                                                                                                                                                                                        | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> | Can coordinate with crew and execute the appropriate checklist(s) following the powerplant failure. |                                                                                                                                                                                                                                                                                        | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> | Can perform communication with ATC and the evaluator, as appropriate for the situation.             |                                                                                                                                                                                                                                                                                        | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                                                                                     | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure during takeoff considering operational factors such as takeoff warning inhibit systems, runway/takeoff path length, surface conditions, environment, obstructions, and LAHSO operations. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                      |                                       |                                                                                                                                                |                               |
|-----------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                             | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                       | Can identify, assess, and manage risks, encompassing failure to brief the plan for a powerplant failure during takeoff, in a crew environment. | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                       | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency.                        | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                       | Can identify, assess, and manage risks, encompassing failure to correctly identify the inoperative engine (AMEL, AMES).                        | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                       | Can identify, assess, and manage risks, encompassing inability to climb or maintain altitude with an inoperative powerplant (AMEL, AMES).      | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub> |                                       | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and                                          | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                              |                                       |                                                                                                                                |                               |
|-------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                     | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                             | TASK<br>EXPECTATION<br>RATING |
|                                                                                           |                                       | obstructions in an emergency.                                                                                                  |                               |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub>         |                                       | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                  | High                          |
| Conduct Emergency Procedure - Powerplant Failure During Takeoff at V <sub>1</sub>         |                                       | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                       |                                                                                                                                | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                       |                                                                                                                                | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                              |                                                                                                                                                                                  |                                    |                               |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                     | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                                                                                                                                                                  |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can recognize and correctly identify powerplant failure, execute memory items, and maintain positive airplane control.                                                           |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can coordinate with crew, if applicable, and complete the appropriate emergency procedures and checklist(s) for simulated propeller feathering or simulated powerplant shutdown. |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required                                           |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can maintain the operating powerplant(s) within acceptable operating limits.                                                                                                     |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                              |                                                                                                                       |                                    |                               |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                     | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can perform radio calls as appropriate                                                                                |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can assess and proceed toward the nearest suitable airport.                                                           |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can coordinate with crew and execute the approach and landing checklists(s).                                          |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can maintain the appropriate airplane configuration and airspeed considering meteorological and operating conditions. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                              |                                                                                                                                                                                                                             |                                    |                               |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                     | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment.                      |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can initiate and maintain a predetermined rate of descent which approximates that required for the aircraft to follow the vertical guidance, at the point where vertical guidance begins                                    |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                              |                                                                                                                                                                                                                     |                                    |                               |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                     | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can maintain a stabilized approach, adjusting pitch and power as required, allowing no more than ¼-scale deflection of either the vertical or lateral guidance indications.                                         |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can maintain a stabilized final approach from the FAF to the DA/DH allowing no more than ¼-scale deflection of either the vertical or lateral guidance indications and maintain the desired airspeed $\pm 5$ knots. |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can maintain directional control and appropriate crosswind correction throughout the approach and landing or missed approach.                                                                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                              |                                                                                                                                                                                                                                   |                                    |                               |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                     | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can immediately execute the missed approach procedure if the required visual references for the runway are not distinctly visible and identifiable upon reaching the DA/DH,                                                       |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can execute a transition to a normal landing approach when the aircraft is in a position from which a descent to a landing on the runway can be made at a normal rate of descent using normal maneuvering upon reaching the DA/DH |                                    | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) | Can perform smooth, timely, and correct control application before, during, and after touchdown or during the missed approach.                                                                                                    |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                              |                                       |                                                                                                                                                                   |                               |
|-------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                     | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                       | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure inflight or during an approach.                                     | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                       | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                       | Can identify, assess, and manage risks, encompassing improper airplane configuration.                                                                             | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                       | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                     | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                              |                                       |                                                                                                                                |                               |
|-------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                     | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                       | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                       | Can identify, assess, and manage risks, encompassing landing with a powerplant failure.                                        | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                       | Can identify, assess, and manage risks, encompassing missed approach with a powerplant failure.                                | High                          |
| Conduct Emergency Procedure - Precision Approach with Powerplant Failure (manual control) |                                       | Can identify, assess, and manage risks, encompassing maneuvering in IMC with a powerplant failure.                             | High                          |
| Conduct Instrument Takeoff                                                                |                                       |                                                                                                                                | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                   |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument<br>Takeoff                | Can coordinate with crew<br>and execute the<br>appropriate checklist(s)<br>prior to takeoff in a timely<br>manner |                                    | High                          |
| Conduct Instrument<br>Takeoff                | Can execute setting of the<br>applicable avionics and<br>flight instruments prior to<br>initiating the takeoff    |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                           |                                    |                               |
|----------------------------------------------|-------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument<br>Takeoff                | Can perform radio calls as<br>appropriate |                                    | High                          |
| Conduct Instrument<br>Takeoff                | Can verify<br>assigned/correct runway     |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                 |                                    |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                           | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument<br>Takeoff                | Can perform clearing the arrival area and execute taxiing into takeoff position and align the airplane on the runway centerline |                                    | High                          |
| Conduct Instrument<br>Takeoff                | Can maintain centerline and proper flight control inputs during the takeoff roll                                                |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                    |                                    |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                              | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument<br>Takeoff                | can confirm takeoff power and proper engine and flight instrument indications prior to rotation making callouts, as appropriate, for the airplane or per the operator's procedures |                                    | High                          |
| Conduct Instrument<br>Takeoff                | Can rotates and lift off at the recommended airspeed, establish the desired pitch attitude, and accelerate to the desired airspeed/ V-speed.                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                |                                    |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                          | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument<br>Takeoff                | Can execute a smooth transition from visual meteorological conditions (VMC) to actual or simulated instrument meteorological conditions (IMC). |                                    | High                          |
| Conduct Instrument<br>Takeoff                | Can maintain desired heading $\pm 5^\circ$ and desired airspeeds $\pm 5$ knots.                                                                |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                         |                                                                                                                                                                                                              |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument<br>Takeoff                | Can comply with ATC<br>clearances and instructions<br>issued by ATC , as<br>appropriate |                                                                                                                                                                                                              | High                          |
| Conduct Instrument<br>Takeoff                | Can execute appropriate<br>after-takeoff checklist(s)<br>in a timely manner             |                                                                                                                                                                                                              | High                          |
| Conduct Instrument<br>Takeoff                |                                                                                         | Can identify, assess,<br>and manage risks,<br>encompassing selection<br>of a runway based on<br>aircraft performance<br>and limitations,<br>available distance,<br>surface conditions,<br>lighting, and wind | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                                                                                                |                               |
|----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument<br>Takeoff                |                                       | Can identify, assess,<br>and manage risks,<br>encompassing wake<br>turbulence                                                                                                                                                                                                  | High                          |
| Conduct Instrument<br>Takeoff                |                                       | Can identify, assess,<br>and manage risks,<br>encompassing<br>abnormal operations, to<br>include planning for<br>rejected takeoff                                                                                                                                              | High                          |
| Conduct Instrument<br>Takeoff                |                                       | Can identify, assess,<br>and manage risks,<br>encompassing<br>abnormal operations, to<br>include planning for<br>Engine failure in<br>takeoff phase of flight<br>with the ceiling or<br>visibility below the<br>minimums for an<br>instrument approach at<br>departure airport | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                                                             |                               |
|----------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument<br>Takeoff                |                                       | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for Engine failure in climb phase of flight with the ceiling or visibility below the minimums for an instrument approach at departure airport | High                          |
| Conduct Instrument<br>Takeoff                |                                       | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife                               | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                     |                               |
|----------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument<br>Takeoff                |                                       | Can identify, assess,<br>and manage risks,<br>encompassing<br>abnormal operations, to<br>include planning for<br>low altitude<br>maneuvering including<br>stall, spin, or CFIT                      | High                          |
| Conduct Instrument<br>Takeoff                |                                       | Can identify, assess,<br>and manage risks,<br>encompassing<br>abnormal operations, to<br>include planning for<br>distractions, loss of<br>situational awareness,<br>or improper task<br>management. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                                                  |                                    |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument<br>Takeoff                |                                                                                                                                                                                                                                                                  |                                    | High                          |
| Conduct Instrument<br>Takeoff                | Can perform applicable procedures during takeoff to address the transition from visual flight to instrument flight for both the pilot flying (PF) and pilot monitoring (PM), to include the use and limitations of any flight guidance or visual systems in use. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |
|----------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                   | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument<br>Takeoff                |                                                         | Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting. | High                          |
| Conduct Instrument<br>Takeoff                | Can execute normal takeoff at lowest applicable minima; |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                      |                                                                                                                                                                                                                      |                                    |                               |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                             | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument Takeoff                                                        | Can perform takeoff with failure of the flight guidance device or ground-based guidance system, at a critical point of the takeoff, unless these systems have failure characteristics that are extremely improbable. |                                    | High                          |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                                                                                                                                                                                                      |                                    | High                          |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                                                                                                                                                                                                      |                                    | High                          |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                                                                                                                                                                                                      |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                      |                                       |                                                                                                        |                               |
|-----------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                             | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                       |                                                                                                        | High                          |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                       | Can identify, assess, and manage risks encompassing Inoperative equipment discovered prior to flight.  | High                          |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                       | Can identify, assess, and manage risks encompassing external pressures and Aviation security concerns. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                             |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From<br>a Circling Approach  |                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Landing From<br>a Circling Approach  |                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Landing From<br>a Circling Approach  | Can maintain the airport<br>environment in sight and<br>remain within the circling<br>approach radius applicable<br>to the approach category<br>to a position from which a<br>stabilized descent to<br>landing can be made. |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                          |                                    |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From<br>a Circling Approach  | Can comply with all ATC advisories, such as NOTAMs, windshear, wake turbulence, runway surface, braking conditions, and other operational considerations.                                                                                |                                    | High                          |
| Conduct Landing From<br>a Circling Approach  | Can perform alignment of the airplane for a normal landing on the selected runway without excessive maneuvering and without exceeding the normal operating limits of the airplane. The angle of bank should not exceed 30°.              |                                    | High                          |
| Conduct Landing From<br>a Circling Approach  | Can perform smooth, timely, and correct control application throughout the circling maneuver and maintain appropriate airspeed, $\pm 5$ knots. If applicable, maintain altitude +100/-0 feet, and desired heading/track, $\pm 5^\circ$ . |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                                      |                                    |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From<br>a Circling Approach  | Can confirm the airplane<br>is configured for landing.                                                                                                                                                                                               |                                    | High                          |
| Conduct Landing From<br>a Circling Approach  | Can scan the landing<br>runway and adjoining area<br>for traffic and obstructions                                                                                                                                                                    |                                    | High                          |
| Conduct Landing From<br>a Circling Approach  | Can execute touch down at<br>the appropriate speed and<br>pitch attitude at the<br>runway aiming point<br>markings, -250/+500 feet,<br>or where there are no<br>runway markings 750 to<br>1,500 feet from the<br>approach threshold of the<br>runway |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                  |                                    |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From a Circling Approach     | Can maintain positive aircraft control throughout the landing using drag and braking devices, as appropriate, to come to a stop. |                                    | High                          |
| Conduct Landing From a Circling Approach     | Can demonstrate SRM or CRM, as appropriate.                                                                                      |                                    | High                          |
| Conduct Landing From a Circling Approach     | Can apply runway incursion avoidance procedures.                                                                                 |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                                                  |                               |
|----------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing landing<br>from a circling<br>approach                                                                                                                                | High                          |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing selection<br>of an approach<br>procedure and runway<br>based on pilot<br>capability, aircraft<br>limitations, available<br>distance, surface<br>conditions, and wind. | High                          |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing wake<br>turbulence.                                                                                                                                                   | High                          |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for missed approach                                                                                                                                       | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                        |                               |
|----------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for land and hold short<br>operations (LAHSO)                                                   | High                          |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>collision hazards, to<br>include aircraft, terrain,<br>obstacles, wires,<br>vehicles, vessels,<br>persons, and wildlife. | High                          |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for low altitude<br>maneuvering including<br>stall, spin, or CFIT.                              | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                               |                               |
|----------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for distractions, loss of<br>situational awareness,<br>or improper task<br>management. | High                          |
| Conduct Landing From<br>a Circling Approach  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for attempting to land<br>from an unstable<br>approach.                                | High                          |
| Conduct Landing From<br>a Precision Approach |                                       |                                                                                                                                                               | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                                                                   |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From<br>a Precision Approach |                                                                                                                                                                                                                                                                                   |                                    | High                          |
| Conduct Landing From<br>a Precision Approach | Can maintain the desired<br>airspeed, $\pm 5$ knots, and<br>vertical and lateral<br>guidance within $\frac{1}{4}$ -scale<br>deflection of the indicators<br>during the descent from<br>DA/DH to a point where<br>visual maneuvering is<br>used to accomplish a<br>normal landing. |                                    | High                          |
| Conduct Landing From<br>a Precision Approach | Can comply with all ATC<br>advisories, such as<br>NOTAMs, windshear,<br>wake turbulence, runway<br>surface, braking<br>conditions, and other<br>operational considerations.                                                                                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                           |                                    |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From a Precision Approach    | Can execute touch down at the appropriate speed and pitch attitude at the runway aiming point markings, -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                                    | High                          |
| Conduct Landing From a Precision Approach    | Can maintain positive airplane control throughout the landing using drag and braking devices, as appropriate, to come to a stop.                                                                                          |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                  |                                                                                                                                                                                                       |                               |
|----------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES            | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From a Precision Approach    | Can demonstrate SRM or CRM, as appropriate.      |                                                                                                                                                                                                       | High                          |
| Conduct Landing From a Precision Approach    | Can apply runway incursion avoidance procedures. |                                                                                                                                                                                                       | High                          |
| Conduct Landing From a Precision Approach    |                                                  | Can identify, assess, and manage risks, encompassing selection of an approach procedure and runway based on pilot capability, aircraft limitations, available distance, surface conditions, and wind. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                      |                               |
|----------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From<br>a Precision Approach |                                       | Can identify, assess,<br>and manage risks,<br>encompassing wake<br>turbulence.                                       | High                          |
| Conduct Landing From<br>a Precision Approach |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for missed approach                           | High                          |
| Conduct Landing From<br>a Precision Approach |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for land and hold short<br>operations (LAHSO) | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                     |                               |
|----------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From<br>a Precision Approach |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for collision hazards, to<br>include aircraft, terrain,<br>obstacles, wires,<br>vehicles, vessels,<br>persons, and wildlife. | High                          |
| Conduct Landing From<br>a Precision Approach |                                       | Can identify, assess,<br>and manage risks,<br>encompassing planning<br>for low altitude<br>maneuvering including<br>stall, spin, or CFIT.                                                           | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                             |                               |
|----------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From a Precision Approach    |                                       | Can identify, assess, and manage risks, encompassing planning for distractions, loss of situational awareness, or improper task management. | High                          |
| Conduct Landing From a Precision Approach    |                                       | Can identify, assess, and manage risks, encompassing planning for attempting to land from an unstable approach.                             | High                          |
| Conduct Landing From a Precision Approach    |                                       | Can identify, assess, and manage risks, encompassing planning for flying below the glidepath.                                               | High                          |
| Conduct Landing From a Precision Approach    |                                       | Can identify, assess, and manage risks, encompassing planning for transitioning from instrument to visual references for landing.           | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |
|----------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From<br>a Precision Approach |                                       | Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting. | High                          |
| Conduct Landing From<br>a Precision Approach |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                              |                                                                                                                                                                                                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                        | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing From a Precision Approach    | Can perform proper reaction to significant airborne system failures experienced prior to and after reaching the final approach fix (FAF), MDA, DA/DH, or AH. Expected pilot response to failure after touchdown should be addressed as well. |                                                                                                                                                                                                                 | High                          |
| Conduct Landing From a Precision Approach    |                                                                                                                                                                                                                                              |                                                                                                                                                                                                                 | High                          |
| Conduct Landing From a Precision Approach    | Can recognize and execute appropriate actions in response to ground or navigation system faults, failures or abnormalities at any point during the approach and landing.                                                                     |                                                                                                                                                                                                                 | High                          |
| Conduct Landing From a Precision Approach    |                                                                                                                                                                                                                                              | Can appreciate that pilots should be familiar with the need to report navigation system anomalies or discrepancies, failures of any lighting system (e.g., approach lights, runway lights, touchdown zone (TDZ) | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                          |                                                                                               |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                            | TASK<br>EXPECTATION<br>RATING |
|                                              |                                                                                                                                                          | lights, centerline lights), or any other discrepancies that could be pertinent to operations. |                               |
| Conduct Missed Approach - OEI                | Can execute a one engine inoperative missed approach from a low altitude that could result in a touchdown during go-around (balked or rejected landing). |                                                                                               | High                          |
| Conduct Missed Approach - OEI                |                                                                                                                                                          |                                                                                               | High                          |
| Conduct Missed Approach - OEI                |                                                                                                                                                          |                                                                                               | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                                                                    |                                    |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                              | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                | Can apply the appropriate power setting for the flight condition and establish a pitch attitude necessary to obtain the desired performance during a one engine inoperative missed approach.                                                                                       |                                    | High                          |
| Conduct Missed Approach - OEI                | Can perform retraction of the wing flaps/drag devices and landing gear, if appropriate, in the correct sequence and at a safe altitude, and initiate a positive rate of climb at the appropriate airspeed/V- speed, $\pm 5$ knots during a one engine inoperative missed approach. |                                    | High                          |
| Conduct Missed Approach - OEI                | Can coordinate with crew and execute the appropriate procedures and checklist(s) in a timely manner during a one engine inoperative missed approach.                                                                                                                               |                                    | High                          |
| Conduct Missed Approach - OEI                | Can comply with the published or alternate missed approach procedure during a one engine inoperative missed approach.                                                                                                                                                              |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                   |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                | Can coordinate with ATC if unable to comply with a clearance, restriction, or climb gradient.                                                                                     |                                    | High                          |
| Conduct Missed Approach - OEI                | Can maintain the heading, course, or bearing $\pm 5^\circ$ , and altitude(s) $\pm 100$ feet during the missed approach procedure during a one engine inoperative missed approach. |                                    | High                          |
| Conduct Missed Approach - OEI                | Can use an MFD and other graphical navigation displays, if installed, to monitor position and track to help navigate the missed approach.                                         |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                 |                                    |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                           | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                | Can demonstrate effective CRM during a one engine inoperative missed approach.                                                                                                                                                  |                                    | High                          |
| Conduct Missed Approach - OEI                | Can execute re-engagement of the autopilot at appropriate times during the one engine inoperative missed approach procedure.                                                                                                    |                                    | High                          |
| Conduct Missed Approach - OEI                | Can obtain ATC clearance to attempt another approach, proceed to the alternate airport, holding fix, or other clearance limit, as appropriate, or as directed by the evaluator during a one engine inoperative missed approach. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                                         |                               |
|----------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach - OEI             |                                       | Can identify, assess,<br>and manage risks,<br>encompassing failure<br>to follow prescribed<br>procedures during a<br>one engine inoperative<br>missed approach.                                                         | High                          |
| Conduct Missed<br>Approach - OEI             |                                       | Can identify, assess,<br>and manage risks,<br>encompassing holding,<br>diverting, or electing to<br>fly the approach again<br>during a one engine<br>inoperative missed<br>approach.                                    | High                          |
| Conduct Missed<br>Approach - OEI             |                                       | Can identify, assess,<br>and manage risks,<br>encompassing failure<br>to ensure proper<br>airplane configuration<br>during an approach and<br>missed approach<br>during a one engine<br>inoperative missed<br>approach. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5       |                                       |                                                                                                                                                                                             |                               |
|----------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                      |                                       | Can identify, assess, and manage risks, encompassing factors that might lead to executing a one engine inoperative missed approach procedure before the MAP or to a go-around below DA/MDA. | High                          |
| Conduct Missed Approach - OEI                      |                                       | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems during a one engine inoperative missed approach.                        | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                       |                                                                                                                                                                                             | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5             |                                       |                                    |                               |
|----------------------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Approach and Landing<br>with Crosswind |                                       |                                    | High                          |
| Conduct Normal<br>Approach and Landing<br>with Crosswind |                                       |                                    | High                          |
| Conduct Normal<br>Approach and Landing<br>with Crosswind |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5       |                                                                                                                                   |                                    |                               |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can coordinate with crew and execute after landing checklists(s).                                                                 |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can perform radio calls as appropriate                                                                                            |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can maintain a ground track that ensures the desired traffic pattern will be flown taking into consideration obstructions and ATC |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5       |                                                                                            |                                    |                               |
|----------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can confirm the airplane is aligned with the correct/assigned runway or landing surface.   |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can scan runway or landing surface and adjoining area for traffic and obstructions.        |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can select a suitable touchdown point considering wind, landing surface, and obstructions. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5       |                                                                                                                                                                                             |                                    |                               |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can perform establishing the recommended approach and landing configuration and airspeed, $\pm 5$ knots, and adjust pitch attitude and power as required to maintain a stabilized approach. |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can maintain directional control and appropriate crosswind correction throughout the approach and landing.                                                                                  |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can perform smooth, timely, and correct control application before, during, and after touchdown.                                                                                            |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5       |                                                                                                                                                                                                                                                                                   |                                    |                               |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can execute touch down with the runway centerline between the main landing gear at the appropriate speed and pitch attitude at the runway aiming point markings -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                                    | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can execute deceleration to taxi speed (20 knots or less on dry pavement, 10 knots or less on contaminated pavement) to within the calculated landing distance plus 25% for the actual conditions with the runway centerline between the main landing gear                        |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5       |                                                                                                                                                                                  |                                                                                                                                                                                              |                               |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can execute a timely go-around if the approach cannot be made within the tolerances specified above or for any other condition that may result in an unsafe approach or landing. |                                                                                                                                                                                              | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can apply runway incursion avoidance procedures.                                                                                                                                 |                                                                                                                                                                                              | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                                                                  | Can identify, assess, and manage risks, encompassing selection of a runway or approach path and touchdown area based aircraft limitations, available distance, surface conditions, and wind. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5       |                                       |                                                                                                                                                                   |                               |
|----------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind |                                       | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                             | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                       | Can identify, assess, and manage risks, encompassing Go-Around/Rejected Landing                                                                                   | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                       | Can identify, assess, and manage risks, encompassing land and Hold Short Operations (LAHSO)                                                                       | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                       | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5       |                                                                                                                                                  |                                                                                                                                                                                |                               |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                                  | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                                  | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                                  | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, incorrect airport surface approach and landing, or improper task management. | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can execute normal landings at the lowest applicable minima for each authorized flight guidance and/or visual system.                            |                                                                                                                                                                                | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can perform manual rollout in low visibility at applicable minima. (except for aircraft using an automatic fail operational (FO) rollout system) |                                                                                                                                                                                | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5             |                                                                                                                                                                                                         |                                    |                               |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Approach and Landing<br>with Crosswind | Can perform landings at<br>the limiting environmental<br>conditions authorized for<br>that operator with respect<br>to wind, crosswind<br>components, and runway<br>surface friction<br>characteristics |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind    |                                                                                                                                                                                                         |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind    |                                                                                                                                                                                                         |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5          |                                                                                                                    |                                    |                               |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                              | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                                                                                                    |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                                                                                                    |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can coordinate with crew<br>and complete the<br>appropriate checklist(s)<br>prior to takeoff in a timely<br>manner |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5          |                                                      |                                    |                               |
|-------------------------------------------------------|------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can perform radio calls as<br>appropriate            |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can verify<br>assigned/correct runway                |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can verify the airplane is<br>configured for takeoff |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5          |                                                                                                                                                                                                             |                                    |                               |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can execute clearing of<br>the area and taxi into<br>takeoff position and align<br>the airplane on the runway<br>centerline                                                                                 |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can maintain centerline<br>and proper flight control<br>inputs during the takeoff<br>roll                                                                                                                   |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can confirm takeoff<br>power and proper engine<br>and flight instrument<br>indications prior to<br>rotation and perform<br>callouts as appropriate, for<br>the airplane or per the<br>operator's procedures |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5          |                                                                                                                                                  |                                    |                               |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can perform rotation and<br>lift off at the<br>recommended airspeed                                                                              |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can maintain a power<br>setting and a pitch attitude<br>to maintain the desired<br>climb airspeed/V-speed,<br>±5 knots for each climb<br>segment |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can maintain desired<br>heading ±5°                                                                                                              |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5          |                                                                                                                                                            |                                    |                               |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can perform Retraction of<br>the landing gear and flaps<br>in accordance with<br>manufacturer or operator<br>procedures and<br>limitations, as appropriate |                                    | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can perform wake<br>turbulence avoidance                                                                                                                   |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5          |                                                                             |                                                                                                                                                                                                |                               |
|-------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can follow noise<br>abatement procedures                                    |                                                                                                                                                                                                | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind | Can execute appropriate<br>after-takeoff checklist(s)<br>in a timely manner |                                                                                                                                                                                                | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                                                             | Can identify, assess,<br>and manage risks,<br>encompassing selection<br>of a runway, or runway<br>intersection aircraft<br>limitations, available<br>distance, surface<br>conditions, and wind | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5          |                                       |                                                                                        |                               |
|-------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                       | Can identify, assess,<br>and manage risks,<br>encompassing wake<br>turbulence          | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                       | Can demonstrate<br>proper planning for<br>rejected takeoff                             | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                       | Can demonstrate<br>proper planning for<br>engine failure in<br>takeoff phase of flight | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5          |                                       |                                                                                                                                                                                       |                               |
|-------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                       | Can demonstrate<br>proper planning for<br>engine failure in climb<br>phase of flight                                                                                                  | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                       | Can identify, assess,<br>and manage risks,<br>encompassing<br>improper aircraft<br>configuration or<br>settings (e.g., trim,<br>flaps, autobrakes, etc.)                              | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind |                                       | Can identify, assess,<br>and manage risks,<br>encompassing collision<br>hazards, to include<br>aircraft, terrain,<br>obstacles, wires,<br>vehicles, vessels,<br>persons, and wildlife | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                                                 |                                                                                                                                                                                                                             |                                                                                                                                                 |                               |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind                                                        |                                                                                                                                                                                                                             | Can identify, assess,<br>and manage risks,<br>encompassing<br>distractions, loss of<br>situational awareness,<br>or improper task<br>management | High                          |
| Conduct Normal<br>Takeoff and Climb with<br>Crosswind                                                        | Can perform takeoff in<br>limiting crosswinds,<br>winds, gusts, and runway<br>surface friction to levels<br>authorized. Training<br>should be done at weights<br>or on runways that<br>represent a critical field<br>length |                                                                                                                                                 | High                          |
| Conduct OPSPEC B034<br>- IFR Class I Terminal<br>and En Route<br>Navigation Using Area<br>Navigation Systems |                                                                                                                                                                                                                             |                                                                                                                                                 | High                          |
| Conduct OPSPEC B034<br>- IFR Class I Terminal<br>and En Route<br>Navigation Using Area<br>Navigation Systems | Can conduct approach<br>operations utilizing C073<br>criteria.                                                                                                                                                              |                                                                                                                                                 | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                                                                                                                                |                                       |                                    |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                                                                                       | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct OPSPEC C073<br>- Vertical Navigation<br>(VNAV) Instrument<br>Approach Procedures<br>(IAP) Using Minimum<br>Descent Altitude<br>(MDA) As A Decision<br>Altitude (DA) |                                       |                                    | High                          |
| Conduct Powerplant<br>Start                                                                                                                                                 |                                       |                                    | High                          |
| Conduct Powerplant<br>Start                                                                                                                                                 |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Powerplant<br>Start                  |                                       |                                    | High                          |
| Conduct Powerplant<br>Start                  |                                       |                                    | High                          |
| Conduct Powerplant<br>Start                  |                                       |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                         |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Powerplant<br>Start                  |                                                                                                                         |                                    | High                          |
| Conduct Powerplant<br>Start                  |                                                                                                                         |                                    | High                          |
| Conduct Powerplant<br>Start                  | Can ensure the ground<br>safety procedures are<br>followed during the<br>before-start, start, and<br>after- start phase |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                         |                                                                                          |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Powerplant Start                     | Can coordinate with crew and complete the appropriate checklist(s) prior to and after powerplant start. |                                                                                          | High                          |
| Conduct Powerplant Start                     | Can identify an abnormal start or malfunction and execute the correct procedure                         |                                                                                          | High                          |
| Conduct Powerplant Start                     |                                                                                                         | Can identify, assess, and manage risks encompassing malfunctions during powerplant start | High                          |
| Conduct Powerplant Start                     |                                                                                                         | Can identify, assess, and manage risks encompassing turbine powerplant safety            | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                          |                               |
|----------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Powerplant<br>Start                  |                                       | Can identify, assess,<br>and manage risks<br>encompassing<br>managing situations<br>where specific<br>instructions or<br>checklist items are not<br>published                            | High                          |
| Conduct Powerplant<br>Start                  |                                       | Can identify, assess,<br>and manage risks<br>encompassing<br>personnel, vehicles,<br>vessels, foreign object<br>debris, and other<br>aircraft in the vicinity<br>during powerplant start | High                          |
| Conduct Precision<br>Approach                |                                       |                                                                                                                                                                                          | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                       |                                    |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                                                                       |                                    | High                          |
| Conduct Precision Approach                   |                                                                                       |                                    | High                          |
| Conduct Precision Approach                   |                                                                                       |                                    | High                          |
| Conduct Precision Approach                   | Can perform the precision instrument approaches selected by the instructor/evaluator. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                 |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                           | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can initiate two-way communications with ATC appropriate for the phase of flight or approach segment, and use proper communication phraseology. |                                    | High                          |
| Conduct Precision Approach                   | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach.     |                                    | High                          |
| Conduct Precision Approach                   | Can comply in a timely manner with all clearances, instructions, and procedures.                                                                |                                    | High                          |
| Conduct Precision Approach                   | Can recognize if any flight instrumentation is inaccurate or inoperative, and take appropriate action.                                          |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                        |                                    |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can coordinate with ATC if unable to comply with a clearance.                                                                                                                                          |                                    | High                          |
| Conduct Precision Approach                   | Can maintain the appropriate airplane configuration and airspeed considering meteorological and operating conditions.                                                                                  |                                    | High                          |
| Conduct Precision Approach                   | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                     |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category         |                                    | High                          |
| Conduct Precision Approach                   | Can initiate and maintain a predetermined rate of descent which approximates that required for the aircraft to follow the vertical guidance, at the point where vertical guidance begins                                            |                                    | High                          |
| Conduct Precision Approach                   | Can maintain a stabilized final approach from the Final Approach Fix (FAF) to DA/DH allowing no more than ¼-scale deflection of either the vertical or lateral guidance indications and maintain the desired airspeed $\pm 5$ knots |                                    | High                          |
| Conduct Precision Approach                   | Can immediately initiate the missed approach procedures if the required visual references for the runway are not distinctly visible and identifiable upon reaching the DA/DH.                                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                            |                                                                                                                                                      |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                      | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can, upon reaching the DA/DH, perform a transition to a normal landing when the aircraft is in a position from which a descent to a landing on the runway can be made at a normal rate of descent using normal maneuvering |                                                                                                                                                      | High                          |
| Conduct Precision Approach                   | Can use an MFD and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath.                                                           |                                                                                                                                                      | High                          |
| Conduct Precision Approach                   |                                                                                                                                                                                                                            | Can identify, assess, and manage risks, encompassing failure to follow the correct approach procedure (e.g., descending below the glideslope, etc.). | High                          |
| Conduct Precision Approach                   |                                                                                                                                                                                                                            | Can identify, assess, and manage risks, encompassing selecting an incorrect navigation frequency.                                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                              |                               |
|----------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                       | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems.                         | High                          |
| Conduct Precision Approach                   |                                       | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                       |                               |
|----------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                       | Can identify, assess, and manage risks, encompassing an unstable approach, including excessive descent rates.                                                                         | High                          |
| Conduct Precision Approach                   |                                       | Can identify, assess, and manage risks, encompassing deteriorating weather conditions on approach.                                                                                    | High                          |
| Conduct Precision Approach                   |                                       | Can identify, assess, and manage risks, encompassing continuing to descend below the Decision Altitude (DA)/Decision Height (DH) when the required visual references are not visible. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                                                                                                                                                                                  |                                    |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                            | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                                                                                                                                                                                                                                                                                                                                                                                  |                                    | High                          |
| Conduct Precision Approach                   | Can perform appropriate normal and non-normal procedures including crew duties, monitoring assignments, transfer of control during normal operations, appropriate automatic or crew-initiated call-outs, proper use of standard or special IAPs, applicable minima for normal configurations or for alternate or failure configurations, and reversion to higher minima in the event of failures |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision<br>Approach                |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                               |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can perform procedures to address the transition from electronic monitoring displays to external visual references for both PF and PM for systems that include such displays. |                                    | High                          |
| Conduct Precision Approach                   |                                                                                                                                                                               |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                           | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                                                                                                                                                                                                                                                 | Can appreciate constraints for head winds, tail winds, crosswinds, and the effect of vertical and horizontal wind shear on automatic systems, flight directors (F/D), or other system (e.g., HUD, SVGS, etc.) performance. For systems such as HUDs that have a limited field of view (FOV), or synthetic reference systems, pilots should be familiar with the display limitations of these systems and expected pilot actions in the event that the aircraft reaches or exceeds a display limit capability. | High                          |
| Conduct Precision Approach                   | Can execute types of instrument procedures approved for the air carrier (standard and special, lowest straight-in, or circling minima, if applicable); according to the operators manuals, charts and checklists, on the aircraft type, model and series flown. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                           |                                    |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can use flight guidance and/or visual system(s) and their corresponding category(s) of minima for each authorized system; |                                    | High                          |
| Conduct Precision Approach                   | Can use NAVAID(s) and visual aids used (LVO/SMGCS lighting if applicable);                                                |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                              |                                                                                                |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                        | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can apply Flightcrew procedures used (e.g., PF/PM duties, monitored approach, or call-outs); |                                                                                                | High                          |
| Conduct Precision Approach                   |                                                                                              | Can demonstrate familiarization with airport and runway characteristics typically experienced; | High                          |
| Conduct Precision Approach                   |                                                                                              |                                                                                                | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                                                                                                                                                                        |                                    |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can perform relevant normal, non-normal, and environmental conditions. Training and evaluation need only be conducted using relevant and representative procedures and conditions (e.g., a representative mix of day, night, dusk, variable/patchy conditions, representative temperatures, landing runway altitudes, precipitation conditions, turbulence, and icing conditions); and |                                    | High                          |
| Conduct Precision Approach                   | Can respond appropriately to aircraft and ground system failures.                                                                                                                                                                                                                                                                                                                      |                                    | High                          |
| Conduct Rejected Takeoff                     |                                                                                                                                                                                                                                                                                                                                                                                        |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                  |                                       |                                    | High                          |
| Conduct Rejected<br>Takeoff                  |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                           |                                    |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                  |                                                                                                                                                                                                                           |                                    | High                          |
| Conduct Rejected<br>Takeoff                  |                                                                                                                                                                                                                           |                                    | High                          |
| Conduct Rejected<br>Takeoff                  | Can execute aborted<br>takeoff if the powerplant<br>failure occurs at a point<br>during the takeoff where<br>the abort procedure can be<br>initiated and the airplane<br>can be safely stopped on<br>the remaining runway |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                   |                                                                                                                               |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                  | Can execute prompt<br>reduction of power and<br>maintain positive aircraft<br>control using drag and<br>braking devices, as<br>appropriate, to come to a<br>stop                  |                                                                                                                               | High                          |
| Conduct Rejected<br>Takeoff                  | Can coordinate with crew,<br>if applicable, and complete<br>the appropriate<br>procedures, checklist(s),<br>and radio calls following a<br>rejected takeoff in a timely<br>manner |                                                                                                                               | High                          |
| Conduct Rejected<br>Takeoff                  |                                                                                                                                                                                   | Can identify, assess,<br>and manage risks,<br>encompassing a<br>powerplant failure or<br>other malfunction<br>during takeoff. | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                          |                               |
|----------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing failure<br>to maintain directional<br>control following a<br>rejected takeoff | High                          |
| Conduct Rejected<br>Takeoff                  |                                       | Can identify, assess,<br>and manage risks,<br>encompassing rejecting<br>takeoff with inadequate<br>stopping distance                     | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                               |                                                                                                                                                                        |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                  |                                                                                               | Can identify, assess,<br>and manage risks,<br>encompassing a high-<br>speed abort<br>distractions, loss of<br>situational awareness,<br>or improper task<br>management | High                          |
| Conduct Rejected<br>Takeoff                  | Can execute Rejected<br>takeoff from a point prior<br>to V1 (including an engine<br>failure); |                                                                                                                                                                        | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                               |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected Takeoff                     | Can perform rejected takeoff requiring transfer of control (if applicable) for low-visibility takeoff minima where a flight guidance and/or vision system is required                                                         |                                    | High                          |
| Conduct Rejected Takeoff                     | Can perform rejected takeoff with failure of the flight guidance device or ground-based guidance system, at a critical point of the takeoff, unless these systems have failure characteristics that are extremely improbable. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                    |                               |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                         | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A | <p>Can execute Scenario-Based Training (SBT). The goal of SBT is to develop decision-making skills relating to stall prevention and recovery during Line-Oriented Flight Training (LOFT). Emphasis should be placed on preventing conditions that may lead to a stall event. SBT would normally be used after a pilot demonstrates proficiency in maneuver-based training and during advanced stages of training, such as upgrade training and recurrent training.</p> <p>(1) Scenarios. When possible, scenarios should include accident, incident, ASAP, FOQA, and/or ASRS data to provide realistic opportunities to see how threat situations may develop and how they should be managed during line operations. Sample SBT lesson plans are provided in Appendix 3.</p> <p>(2) Briefing. Pilots should not normally be briefed that they are receiving SBT. The concept is line-oriented flying, which allows the pilots to recognize and manage the expected or unexpected stall threats as they develop during</p> |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
|                                              | <p>normal operations. However, situations may arise where pilots exhibit excellent stall prevention skills and initiate a recovery prior to the complete unfolding of a scenario. That is the desired objective. In those instances, the instructor has the discretion whether to repeat the scenario and then showing and discussing how the many cues typically cascade as the event progresses. Such explanations can reinforce a pilot's knowledge and allow sharpening of awareness and prevention skills.</p> |                                    |                               |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                    |                               |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                         | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A | <p>Can appreciate USING SURPRISE IN TRAINING. Surprise has been a factor in stall incidents and accidents. Although it may be difficult to create surprise in the training environment, if achieved, surprise events may provide a powerful lesson for the crew. The goal of using surprise in training is to provide the crew with a surprise experience to reinforce timely application of the effective recovery technique under potentially confusing circumstances. Considerable care should be used in surprise training to avoid a negative learning experience. Surprise should not be used during checking. Stall prevention training should incorporate event conditions and variables typical of an unintentional stall that are likely to result in surprise due to the unexpected stall development, presentation, and behavior.</p> |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                  |                                                                                                                       |                                    |                               |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                         | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A |                                                                                                                       |                                    | High                          |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A | Can conduct an impending stall recovery with only idle thrust available. See Appendix 2, Demonstration 1 for details. |                                    | High                          |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A | Can conduct a clean configuration stall prevention (high altitude) scenario. See Appendix 3, Scenario 1 for details.  |                                    | High                          |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A | Can conduct a takeoff configuration stall prevention scenario. See Appendix 3, Scenario 2 for details.                |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5                  |                                                                                                        |                                    |                               |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                         | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                  | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A | Can conduct a landing configuration stall prevention scenario. See Appendix 3, Scenario 3 for details. |                                    | High                          |
| Conduct Taxi                                                  |                                                                                                        |                                    | High                          |
| Conduct Taxi                                                  |                                                                                                        |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       |                                    | High                          |
| Conduct Taxi                                 |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       |                                    | High                          |
| Conduct Taxi                                 |                                       |                                    | High                          |
| Conduct Taxi                                 |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                          |                                    |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                    | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                                                                                          |                                    | High                          |
| Conduct Taxi                                 | Can record taxi instructions, respond to taxi clearances, and review taxi routes on the airport diagram. |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                 |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                           | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can use an airport diagram or taxi chart during taxi                                                                                                            |                                    | High                          |
| Conduct Taxi                                 | Can comply with ATC clearances and instructions and observe all runway hold lines, ILS critical areas, beacons, and other airport/taxiway markings and lighting |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                      |                                    |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can coordinate with crew, if applicable, and complete the appropriate checklist(s) prior to and during taxi          |                                    | High                          |
| Conduct Taxi                                 | Can maintain situational awareness during taxi                                                                       |                                    | High                          |
| Conduct Taxi                                 | Can maintain correct and positive airplane control, proper speed, appropriate use of wheel brakes and reverse thrust |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                               |                                                                                                                       |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                         | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can maintain separation between other aircraft, vehicles, and persons to avoid an incursion/incident/accident |                                                                                                                       | High                          |
| Conduct Taxi                                 | Can use aircraft exterior lighting for day and night operations                                               |                                                                                                                       | High                          |
| Conduct Taxi                                 |                                                                                                               | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions                        | High                          |
| Conduct Taxi                                 |                                                                                                               | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                              |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Can identify, assess, and manage risks, encompassing a taxi route or departure runway change | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Can identify, assess, and manage risks, encompassing failure to complete checklist(s)        | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Can identify, assess, and manage risks, encompassing low visibility taxi operations          | High                          |
| Conduct Taxi                                 | Low visibility taxi and ground operations should be trained to the extent practical and beneficial. Such training should address operations at typical airports or alternately, at airports frequently experiencing low-visibility conditions, complex airports on the operator's route system, airports with particular low visibility ground movement difficulties, or rarely used but significant contingency airports, as determined appropriate by the operator. |                                                                                              | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                     |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                               | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | perform either PF or PM duties, unless otherwise limited by the operator's policies or aircraft characteristics (e.g., single HUD). |                                    | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                    | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                    | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                    | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       |                                    | High                          |
| Conduct Taxi                                 |                                       |                                    | High                          |
| Conduct Taxi                                 |                                       |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                                                                                             |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                    | High                          |
| Conduct Taxi                                 | Can apply use of the airport diagram after receiving a clearance, and confirms and verbalizes the assigned runway and taxi route, including any instructions to hold short of, or cross, a runway. If there is any doubt, speaks up and resolve the uncertainty before taxi |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                   |                                    |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                                                                                                                                                                   |                                    | High                          |
| Conduct Taxi                                 | Can use airport diagram to follow progress of the taxi operation                                                                                                                  |                                    | High                          |
| Conduct Taxi                                 | Can execute bringing the aircraft to a complete stop, or be in a phase of taxiing that has no risk of a runway incursion before continuing with operational duties and checklists |                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                                                                                                                                                                                             |                                    |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                                                                                                       | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can execute turning on the rotating beacon whenever an engine is running                                                                                                                                    |                                    | High                          |
| Conduct Taxi                                 | Can execute turning on navigation, position, anti-collision, and logo lights, if available, to signal intent to other pilots prior to commencing taxi                                                       |                                    | High                          |
| Conduct Taxi                                 | Can execute turning on the taxi light when the aircraft is moving or intending to move on the ground, and turning it off when stopped or yielding or as a consideration to other pilots or ground personnel |                                    | High                          |
| Conduct Taxi                                 | Can execute illuminating all lights when crossing a runway when appropriate                                                                                                                                 |                                    | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                                                                                                                   |                               |
|----------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can conduct a briefing on the timing and execution of aircraft checklists and company communications at the appropriate times and locations, ensuring the pilot who is not taxiing the aircraft can be available to participate in verbal coordination with the pilot who is taxiing the aircraft | High                          |
| Conduct Taxi                                 |                                       | Can consider the anticipated duration of the taxi operation, the locations of hot spots/complex intersections and runway crossings, and the visibility along the taxi route when briefing tasks or accomplishing checklists                                                                       | High                          |
| Conduct Taxi                                 |                                       | Can manage pilot workload and heads-down time during taxi by conducting predeparture checklists, including setting the takeoff flap setting, when the aircraft is stopped or while taxiing straight ahead on a taxiway without complex intersections and hot spots                                | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                          |                               |
|----------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can maintain a sterile cockpit during taxi operations                                                                                                    | High                          |
| Conduct Taxi                                 |                                       | Can manage the risk of expectation bias, and follow the clearance or instructions that are actually received, and not the ones they expected to receive. | High                          |
| Conduct Taxi                                 |                                       | Can be alert to ATC instructions to hold short of an ILS critical area holding line.                                                                     | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                  |                               |
|----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can monitor the aircraft's progress on the airport diagram to ensure that the pilot taxiing the aircraft is following the instructions received from the ATC while maintaining outside vigilance | High                          |
| Conduct Taxi                                 |                                       | Can respond to all hold short instructions, and verifies with other crew members or ATC to ensure agreement and understanding                                                                    | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                                                                     |                               |
|----------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can comply with hold short or crossing clearance when approaching an entrance to a runway.                                                                                                                                                          | High                          |
| Conduct Taxi                                 |                                       | Can explain or demonstrate proper actions if the crew becomes disoriented: never stop on a runway, and initiate communications with ATC to regain orientation.                                                                                      | High                          |
| Conduct Taxi                                 |                                       | Can demonstrate vigilance when instructed to taxi and “Line Up and Wait”. Turns Traffic Alert and Collision Avoidance System (TCAS)/traffic advisory systems (TAS) on in order obtain awareness of any aircraft that may be landing on your runway. | High                          |
| Conduct Taxi                                 |                                       | Can determine whether or not to accept last-minute turnoff instructions from ATC, refusing such clearance unless the crew clearly understands the instructions and are certain that they can safely comply.                                         | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                                                                                 |                               |
|----------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can resolve all misunderstandings or disagreements regarding taxi clearance to the satisfaction of all flightcrew members before taxiing the aircraft.                                                                                                          | High                          |
| Conduct Taxi                                 |                                       | Can coordinate with other flightcrew member(s) if stopping and resuming the monitoring of the ATC frequency, for example when it becomes necessary for a flightcrew member to stop monitoring any ATC frequency to prepare the aircraft for takeoff or landing. | High                          |
| Conduct Taxi                                 |                                       | Can assess any upcoming hold short instructions or clearances that could be misinterpreted prior to stopping and after resuming monitoring of the taxi. An example may include: "I'm heads-down, right turn ahead at Alpha," or "I'm back, any changes?"        | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                                                                                                                       |                               |
|----------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can appreciate that time away from monitoring ATC should be avoided with complex taxi routing or crossing of runways. Any instructions or information received or transmitted during that flightcrew member's absence from the ATC frequency should be reviewed and confirmed upon his or her return. | High                          |
| Conduct Taxi                                 |                                       | Can coordinate verbally at complex intersections to be sure that: the intersection is correctly identified and confirmed using the airport diagram and the heading indicator                                                                                                                          | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                                                                                                                                                |                               |
|----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can state “approaching (specific runway number) hold short line. Before crossing any hold short line, the flightcrew should visually scan to the left and to the right, including the full length of the runway and its approach paths, and coordinate verbally (e.g., “clear right/left” or that the scan area is not clear). | High                          |
| Conduct Taxi                                 |                                       | Can coordinate verbally and agree on the runway assigned by ATC, the upcoming assigned exit, and any restrictions, such as hold short points of an intersecting runway and the aircraft’s parking area after landing                                                                                                           | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                                                                                                                                                                                              |                               |
|----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                       | Can consider any adverse effects to safety that illuminating the forward-facing lights will have on the vision of other pilots or ground personnel during runway crossings, and adjust operation accordingly | High                          |
| Conduct Taxi                                 |                                       |                                                                                                                                                                                                              | High                          |



| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 5 |                                       |                                    |                               |
|----------------------------------------------|---------------------------------------|------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Visual Approach (VFR Procedures)     |                                       |                                    | High                          |
| Conduct Visual Approach (VFR Procedures)     | Can conduct a visual approach.        |                                    | High                          |

#### 4.6 Course 1 – SIM 6 Learning Objectives

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 6 |                                                                                                                       |                                                                                             |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                                                                                 | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct LOFT (Optional Simulator Session 6)  |                                                                                                                       |                                                                                             | High                          |
| Conduct LOFT (Optional Simulator Session 6)  | Can demonstrate the observable behaviors classified under the ICAO Application of Procedures Competency               |                                                                                             | High                          |
| Conduct LOFT (Optional Simulator Session 6)  |                                                                                                                       | Can demonstrate the observable behaviors classified under the ICAO Communication Competency | High                          |
| Conduct LOFT (Optional Simulator Session 6)  | Can demonstrate the observable behaviors classified under the ICAO Flight Path Management - Automation Competency     |                                                                                             | High                          |
| Conduct LOFT (Optional Simulator Session 6)  | Can demonstrate the observable behaviors classified under the ICAO Flight Path Management - Manual Control Competency |                                                                                             | High                          |

| HS-125 COURSE 1 - SIMULATOR (SIM) TRAINING 6      |                                       |                                                                                                                                   |                               |
|---------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                             | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | ATTITUDE<br>LEARNING<br>OBJECTIVES                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct LOFT<br>(Optional Simulator<br>Session 6) |                                       | Can demonstrate the observable behaviors classified under the ICAO Leadership and Teamwork Competency                             | High                          |
| Conduct LOFT<br>(Optional Simulator<br>Session 6) |                                       | Can demonstrate the observable behaviors classified under the ICAO Problem Solving and Decision Making Competency                 | High                          |
| Conduct LOFT<br>(Optional Simulator<br>Session 6) |                                       | Can demonstrate the observable behaviors classified under the ICAO Situational Awareness and Management of Information Competency | High                          |
| Conduct LOFT<br>(Optional Simulator<br>Session 6) |                                       | Can demonstrate the observable behaviors classified under the ICAO Workload Management Competency                                 | High                          |
| Conduct LOFT<br>(Optional Simulator<br>Session 6) |                                       |                                                                                                                                   | High                          |

## 5 Overview – Course 2

| <u>Course 2</u>                        |               |                            |
|----------------------------------------|---------------|----------------------------|
| <u>Day 1</u>                           | <u>Ground</u> | <u>Systems Integration</u> |
| <u>Aircraft Manuals</u>                | <u>8.0</u>    | <u>0.0</u>                 |
| <u>MEL and CDL</u>                     |               |                            |
| <u>CRM</u>                             |               |                            |
| <u>Aircraft General</u>                |               |                            |
| <u>Weight and Balance</u>              |               |                            |
| <u>Flight Planning and Performance</u> |               |                            |
| <u>Flight Profiles and Maneuvers</u>   |               |                            |
| <u>Avionics and Communications</u>     |               |                            |
| <u>Windshear</u>                       |               |                            |
| <u>Lighting</u>                        |               |                            |
| <u>Auxiliary Power Unit</u>            |               |                            |
| <u>Electrical System</u>               |               |                            |

| <u>Course 2</u>                                             |               |                            |
|-------------------------------------------------------------|---------------|----------------------------|
| <u>Day 2</u>                                                | <u>Ground</u> | <u>Systems Integration</u> |
| <u>Avionics and Communications</u>                          | <u>8.0</u>    | <u>0.0</u>                 |
| <u>Powerplant</u>                                           |               |                            |
| <u>Oil System</u>                                           |               |                            |
| <u>Thrust Reverse</u>                                       |               |                            |
| <u>Fuel System</u>                                          |               |                            |
| <u>Hydraulic System</u>                                     |               |                            |
| <u>Landing Gear and Brakes</u>                              |               |                            |
| <u>Fire and Smoke Detection, Protection and Suppression</u> |               |                            |
| <u>Flight Controls</u>                                      |               |                            |
| <u>Pneumatic and Environmental Systems</u>                  |               |                            |
| <u>Pitot-static System</u>                                  |               |                            |
| <u>Ice Protection</u>                                       |               |                            |
| <u>Oxygen</u>                                               |               |                            |
| <u>Ground School Completion Exam</u>                        |               |                            |

| <u>Simulator Session 1</u>                         | <u>Brief</u> | <u>Crew</u> | <u>Single</u> |
|----------------------------------------------------|--------------|-------------|---------------|
| <u>Interior preflight and prestart procedures</u>  | <u>2.0</u>   | <u>4.0</u>  | <u>4.0</u>    |
| <u>Powerplant Start</u>                            |              |             |               |
| <u>Taxi</u>                                        |              |             |               |
| <u>Before Takeoff Checks</u>                       |              |             |               |
| <u>Normal Takeoff and Climb with Crosswind</u>     |              |             |               |
| <u>Departure Procedures</u>                        |              |             |               |
| <u>Steep Turns</u>                                 |              |             |               |
| <u>Recovery From Unusual Flight Attitudes</u>      |              |             |               |
| <u>Clean configuration stall prevention</u>        |              |             |               |
| <u>Partial Flap Configuration Stall Prevention</u> |              |             |               |
| <u>Landing Configuration Stall Prevention</u>      |              |             |               |
| <u>Arrival Procedures</u>                          |              |             |               |
| <u>Precision Approach</u>                          |              |             |               |
| <u>Missed Approach</u>                             |              |             |               |
| <u>Go-Around/Rejected Landing</u>                  |              |             |               |
| <u>Approach and landing with pitch mistrim</u>     |              |             |               |
| <u>Landing From a Precision Approach</u>           |              |             |               |
| <u>Normal Approach and Landing with Crosswind</u>  |              |             |               |
| <u>After landing, parking and securing</u>         |              |             |               |

| <u>Simulator Session 2</u>                                 | <u>Brief</u> | <u>Crew</u> | <u>Single</u> |
|------------------------------------------------------------|--------------|-------------|---------------|
| <u>Taxi</u>                                                | <u>2.0</u>   | <u>4.0</u>  | <u>4.0</u>    |
| <u>Instrument takeoff</u>                                  |              |             |               |
| <u>Windshear escape maneuver during take off</u>           |              |             |               |
| <u>Stall Prevention and Recovery</u>                       |              |             |               |
| <u>EGPWS escape maneuver</u>                               |              |             |               |
| <u>TCAS Traffic Advisory (TA)</u>                          |              |             |               |
| <u>TCAS Resolution Advisory (RA)</u>                       |              |             |               |
| <u>Decompression</u>                                       |              |             |               |
| <u>Emergency Descent</u>                                   |              |             |               |
| <u>Nonprecision Approach</u>                               |              |             |               |
| <u>Missed Approach</u>                                     |              |             |               |
| <u>Holding</u>                                             |              |             |               |
| <u>Inflight Powerplant Failure and Restart</u>             |              |             |               |
| <u>Circling Approach</u>                                   |              |             |               |
| <u>Go-Around/Rejected Landing</u>                          |              |             |               |
| <u>Landing From a Circling Approach</u>                    |              |             |               |
| <u>Visual Approach (VFR Procedures)</u>                    |              |             |               |
| <u>Windshear escape maneuver during landing</u>            |              |             |               |
| <u>Landing from a No Flap or Nonstandard Flap Approach</u> |              |             |               |

| <u>Simulator Session 3</u>                                                                         | <u>Brief</u> | <u>Crew</u> | <u>Single</u> |
|----------------------------------------------------------------------------------------------------|--------------|-------------|---------------|
| <u>Taxi</u>                                                                                        | <u>2.0</u>   | <u>4.0</u>  | <u>4.0</u>    |
| <u>Rejected Takeoff</u>                                                                            |              |             |               |
| <u>Instrument Takeoff</u>                                                                          |              |             |               |
| <u>Powerplant Failure During Takeoff at V1</u>                                                     |              |             |               |
| <u>Airframe icing</u>                                                                              |              |             |               |
| <u>Precision Approach with Powerplant Failure (manual control)</u>                                 |              |             |               |
| <u>Missed Approach - OEI</u>                                                                       |              |             |               |
| <u>Precision Approach</u>                                                                          |              |             |               |
| <u>Landing From a Precision Approach</u>                                                           |              |             |               |
| <u>Lower than Standard Minimum Takeoff</u>                                                         |              |             |               |
| <u>Powerplant Failure During Second Segment</u>                                                    |              |             |               |
| <u>OEI Climb to En Route Altitude</u>                                                              |              |             |               |
| <u>Nonprecision Approach</u>                                                                       |              |             |               |
| <u>Approach and Landing with a Powerplant Failure</u>                                              |              |             |               |
| <u>Inflight fire and smoke</u>                                                                     |              |             |               |
| <u>Flight by reference to standby flight instruments, backup instrumentation, or partial panel</u> |              |             |               |
| <u>Emergency evacuation</u>                                                                        |              |             |               |

## 6 Ground School Learning Objectives – Course 2

### 6.1 Course 2 – Ground School Learning Objectives

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Aircraft General, Water and Waste                   | Understand determining climb performance per AFM | Can explain the location, purpose and operation of emergency equipment in the aircraft      |
| Aircraft General, Water and Waste                   | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Aircraft General, Water and Waste                   | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                |
| Aircraft General, Water and Waste                   | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device                                                                                                        |
| Aircraft General, Water and Waste                   | Understand determining climb performance per AFM | Can describe normal and abnormal operation of the aircraft exits, galleys, water and waste systems, lavatories, cargo areas, crewmember and passenger seats, bulkheads, seating and/or cargo configurations, and nonemergency equipment and furnishings. |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Aircraft General, Water and Waste                   | Understand determining climb performance per AFM | Can describe Any aircraft characteristics relevant to all weather operations, such as flight deck visibility cutoff angles and the effect on flight deck visibility of proper eye height, seat position or instrument lighting intensities related to transition through areas of varying brightness levels. Pilots should be aware of the effects on flight visibility related to use of different flap settings, approach speeds, use of various landing or taxi lights, and proper procedures for use of windshield wipers and rain repellent. If windshield defog, anti-ice, or de-icing systems affect forward visibility, pilots should be aware of those effects and be familiar with proper settings for use of that equipment related to low-visibility landing. |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                            |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                  |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components                          |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can obtain information from OEM manuals with regard to the systems and components                          |
| Aircraft Manuals                                    | Understand determining climb performance per AFM | Can explain that AFM guidelines supersede all other information                                            |
| Auxiliary Power Unit                                | Understand determining climb performance per AFM | Can demonstrate familiarization with the contents of OEM manuals with regard to the systems and components |
| Auxiliary Power Unit                                | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Auxiliary Power Unit                                | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Auxiliary Power Unit                                | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Auxiliary Power Unit                                | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Auxiliary Power Unit                                | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                   |
| Auxiliary Power Unit                                | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device                                                                           |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that RNAV 2 requires a total system error of not more than 2 NM for 95 percent of the total flight time                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that Receiver Autonomous Integrity Monitoring (RAIM) is a technique used within a GPS receiver/processor to monitor GPS signal performance and is achieved by a consistency check among redundant measurements. |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                               |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that a SID is a published IFR air traffic control (ATC) DP providing obstacle clearance and a transition from the terminal area to the en route structure.                                                                                                  |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that the onboard navigation data must be current and appropriate for the region of intended operation and must include the navigation aids, waypoints, and relevant coded terminal airspace procedures for the departure, arrival, and alternate airfields. |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that at system initialization, pilots must confirm the navigation database is current and verify the aircraft's present position.                                                                                                                           |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                    |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that RNAV DPs and STAR procedures must be retrieved by procedure name from the onboard navigation database and conform to the charted procedure                                                                                                                                                                                                  |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that whenever possible, RNAV routes should be extracted from the database in their entirety, rather than loading RNAV route waypoints from the database into the flight plan individually. Selecting and inserting individual, named fixes from the database is permitted, provided all fixes along the published route to be flown are inserted |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that pilots must use a lateral deviation indicator (or equivalent navigation map display), flight director and/or autopilot in lateral navigation mode on RNAV 1 routes. The full-scale course deviation indicator (CDI) deflection value of $\pm 1$ NM is acceptable |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that pilots of aircraft without GPS/GNSS, using DME/DME/IRU, must ensure the aircraft navigation system position is confirmed, within 1,000 feet, at the start point of takeoff roll. The use of an automatic or manual runway update is an acceptable means of compliance with this requirement. A navigation map may also be used to confirm aircraft position, if pilot procedures and display resolution allow for compliance with the 1,000-foot tolerance requirement |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the depiction of waypoint types (flyover and flyby) and path terminators                                                                                                                                                                                                                                                                                                                                                                                                   |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                      |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain the types of navigation sensors (for example, DME, IRU, GPS/GNSS) utilized by the RNAV system and associated system prioritization/weighting/logic |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                                    |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                                    |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                             |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can list required equipment for RNP operations                                                                                                    |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                    |
|-----------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                          |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can interpret aircraft automation, mode annunciations, changes, alerts, interactions, reversions, and degradations |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain functional integration with other aircraft systems                                                     |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can list the types of navigation sensors used by the RNP system and their annunciations                            |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can interpret electronic displays and symbols                                                                      |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                            |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain the importance of maintaining the published path and maximum airspeeds while performing RNP operations with Radius to Fix (RF) legs (if applicable)      |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe flightcrew contingency procedures for a loss of RNP capability; and                                                                                     |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain the performance requirement to couple the autopilot (AP)/flight director (FD) to the navigation system's lateral guidance on RNP procedures, if required |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can describe the meaning and proper use of aircraft equipment/navigation suffixes                                                                                    |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                 |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                       |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can state the definition of RAIM                                                                                                                                                |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that Pilots must extract waypoints, NAVAIDs, and fixes by name from the onboard navigation database and comply with the charted procedure or route                  |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that pilots may not manually enter published procedure or route waypoints via latitude/longitude, place/bearing, or place/bearing/distance into the aircraft system |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                    |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that Operators operating under parts 91K, 121, 125, 129, and 135 must also be equipped with at least one other independent navigation system in addition to an installed and operable RNAV system. This additional system must be suitable, in the event of loss of navigation capability of the RNAV system, for proceeding safely to a suitable airport and completing an instrument approach. |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that for the purposes of flight planning, any required alternate airport must have an available IAP that does not require the use of GPS.                                                                                                                                                                                                                                                        |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                     |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain RAIM prediction requirements when using GPS as a substitute means of navigation                                                                                                                                   |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that RNAV systems using WAAS input may be used as an alternate means of navigation without restriction.                                                                                                           |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can explain that RNAV systems using DME/DME/IRU, without GPS input, may be used as an alternate means of navigation where valid DME/DME position updating is published as available (for example, by NOTAM or authorization). |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Avionics and Communications                         | Understand determining climb performance per AFM | <p>Can explain that In order to use a substitute means of navigation on departure procedures, pilots of aircraft with RNAV systems using DME/DME/IRU, without GPS input, must ensure their aircraft navigation system position is confirmed, within 1,000 feet, at the start point of takeoff roll. The use of an automatic or manual runway update is an acceptable means of compliance with this requirement. A navigation map display may also be used to confirm aircraft position, if pilot procedures and display resolution allow for compliance with the 1,000-foot tolerance requirement.</p> |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can interpret Other associated instrumentation and displays including any head-up display, guidance system, vision system, monitoring displays, status displays, mode annunciation displays, failure or warning annunciations, and associated system status displays that may be relevant. When such airborne systems are used as the basis for category(s) of minima (e.g., HUD or SVGS for Special Authorization (SA) CAT I; AP, F/D, or HUD for CAT I Landing Minima with Reduced Lighting (RVR 1800)), training should address the relationships between the various system components and the minima for which they are required. |
| Avionics and Communications                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                            |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                  |
| CRM/SRM                                             | Understand determining climb performance per AFM | Can explain the characteristics of effective CRM                                                                                                                                                           |
| CRM/SRM                                             | Understand determining climb performance per AFM | Can evaluate the authority of the pilot in command;                                                                                                                                                        |
| CRM/SRM                                             | Understand determining climb performance per AFM | Can discuss communication processes, decisions, and coordination, to include communication with Air Traffic Control, personnel performing flight locating and other operational functions, and passengers; |
| CRM/SRM                                             | Understand determining climb performance per AFM | Can manage building and maintenance of a flight team;                                                                                                                                                      |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                         |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                               |
| CRM/SRM                                             | Understand determining climb performance per AFM | Can discuss workload and time management;                                                                                               |
| CRM/SRM                                             | Understand determining climb performance per AFM | Can discuss methods for ensuring situational awareness is maintained                                                                    |
| CRM/SRM                                             | Understand determining climb performance per AFM | Can appreciate the effects of fatigue on performance, avoidance strategies and countermeasures;                                         |
| CRM/SRM                                             | Understand determining climb performance per AFM | Can appreciate the effects of stress and stress reduction strategies                                                                    |
| CRM/SRM                                             | Understand determining climb performance per AFM | Can determine aeronautical decision-making and judgment training tailored to the operator's flight operations and aviation environment. |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| CRM/SRM                                             | Understand determining climb performance per AFM | Can explain the airplane pilot competency framework and associated observable behaviors     |
| CRM/SRM                                             | Understand determining climb performance per AFM | Can relate the airplane pilot competency framework to threat and error management           |
| Electrical System                                   | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Electrical System                                   | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Electrical System                                   | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Electrical System                                   | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Electrical System                                   | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Electrical System                                   | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Electrical System                                   | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Electrical System                                   | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Electrical System                                   | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Electrical System                                   | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Electrical System                                   | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Electrical System                                   | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Electrical System                                   | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Electrical System                                   | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Electrical System                                   | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Electrical System                                   | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Electrical System                                   | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Electrical System                                   | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Electrical System                                   | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Electrical System                                   | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES  |                                                  |                                                                                                                                                   |
|------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                             | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Electrical System                                    | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Electrical System                                    | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Electrical System                                    | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES  |                                                  |                                                                                                                                                |
|------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                             | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES  |                                                  |                                                                                                                                                   |
|------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                             | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES  |                                                  |                                                                                                                                                   |
|------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                             | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES  |                                                  |                                                                                                                                                |
|------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                             | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES  |                                                  |                                                                                                                                                   |
|------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                             | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES  |                                                  |                                                                                                                                                   |
|------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                             | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fire and Smoke Detection, Protection and Suppression | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                      | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                     | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Flight Controls                                     | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                     | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                     | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                     | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                     | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Controls                                     | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Flight Controls                                     | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Flight Controls                                     | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain why OEI data may not ensure climb gradient compliance nor obstacle clearance                                                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                   |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain considerations for OEI departure development                                                                    |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can state the definition of takeoff segment                                                                                 |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can state the definitions of gross and net flightpath                                                                       |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain that there are two types of DPs: Standard Instrument Departures (SIDs) and Obstacle Departure Procedures (ODPs) |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                            |
|-----------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                  |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain that SIDs are primarily designed for air traffic system enhancement to expedite traffic flow and to reduce pilot/controller workload.                                          |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain that ODPs are recommended for obstruction clearance and may be flown without ATC clearance unless an alternate DP (SID or radar vector) has been specifically assigned by ATC. |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain how an unstabilized approach can contribute to a runway overrun                                                                                                                |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain how high airport elevation can contribute to a runway overrun                                                                                                                  |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                      |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain how excess airspeed can contribute to a runway overrun                             |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain how airplane landing weight can contribute to an aircraft overrun                  |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain how landing beyond the intended touchdown point can contribute to a runway overrun |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain how downhill runway slope can contribute to a runway overrun                       |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain how landing with a tailwind can contribute to a runway overrun                     |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                     |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                           |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain predeparture planning versus runway condition at time of arrival                                                                        |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain that factors affecting landing distance are cumulative, and why multiple small errors during landing can contribute to a runway overrun |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can define declared runway distance                                                                                                                 |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can define landing distance available                                                                                                               |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can define actual landing distance                                                                                                                  |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                          |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can interpret and make proper runway condition reports                                   |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can define "adjusted landing distance"                                                   |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can define "unfactored (certified) landing distance"                                     |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can define "factored landing distance"                                                   |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                       |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                             |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the effect of downhill runway slope on required landing distance                         |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the impact of excess airspeed on landing distance                                        |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain the purpose and variables involved in a landing performance assessment at time of arrival |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain the effect of wind on landing performance                                                 |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can identify critical condition combinations that increase risk of a runway overrun                   |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                     |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain the difference between AFM dry, certified/approved data and advisory/supplemental data                                            |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can calculate the required effective landing distance for dispatch under part 91 and part 135 operations                                      |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can reference applicable regulations for preflight planning                                                                                   |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain the Can U StoP process                                                                                                            |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain the difference between the generic samples in table 3-2 where cumulative errors are made, and table 3-3 where errors are not made |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                         |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                         |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain the airspeeds used during specific phases of flight                                                                                                                   |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                         |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                         |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                         |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                         |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain the airspeeds used during specific phases of flight                                                                                                                   |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                         |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                         |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight        |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the effects of meteorological conditions on performance for any phase of flight and apply these factors to a specific chart, table, graph, or other performance data |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                          |
| Flight Planning and Performance                     | Understand determining climb performance per AFM |                                                                                                                                                                                   |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                           |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES |
| Flight Planning and Performance                     | Understand determining climb performance per AFM |                                           |
| Flight Planning and Performance                     | Understand determining climb performance per AFM |                                           |
| Flight Planning and Performance                     | Understand determining climb performance per AFM |                                           |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can define Takeoff Distance               |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can define Takeoff Run                    |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                            |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can define Accelerate-Stop Distance                                                                  |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can define Decision Speed                                                                            |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can define $V_1$ as Action Speed                                                                     |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain why using OEI data to comply with TERPS procedures is an unnecessary burden on operators |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can locate FAA TALPA videos online                                                                   |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can state the different causes of RTOs                                            |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain the difference between Takeoff Distance and Takeoff Run               |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can define $V_1$ and determine when $V_1$ is critical                             |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain the Balanced Field Concept                                            |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain why $V_1$ can be no less than $V_{MCG}$ nor can be no more than $V_R$ |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                         |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain when takeoff field length and $V_1$ are critical and the consequences |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain the impact of wet runways on landing distances                        |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain the importance of a timely $V_1$ call.                                |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can conduct a complete takeoff briefing and explain its importance                |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the segments of an instrument departure procedure                    |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                         |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can explain basic purpose and applicability of OEI departure procedures                                           |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the drawbacks of using OEI data to comply with TERPS procedures                                      |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | Can describe the meaning and proper use of aircraft equipment/navigation capability codes used on the flight plan |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Flight Planning and Performance                     | Understand determining climb performance per AFM | <p>Can demonstrate familiarization with aircraft performance or weight limit information to ensure safe obstacle clearance for “all engine” or “engine inoperative” missed approaches or rejected landings. Performance information should consider, as appropriate, flap settings, go-around procedures, acceleration segments or transition following an engine failure between the specified “all-engine lateral flightpath” (or radar vectors) and any specified “engine-inoperative lateral flightpath,” using flap retraction, and cleanup height procedures. Refer to AC 120-91 for further information.</p> |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                   |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the definition of a runway incursion: Any occurrence at an aerodrome involving the incorrect presence of an aircraft, vehicle, or person on the protected area of a surface designated for the landing and takeoff of aircraft. |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain why thorough planning for taxi operations is essential for a safe operation                                                                                                                                                     |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                          |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can conduct briefing of the expected taxi route to include any hold short lines and runways to cross, hot spots, and any other potential conflicts. (Once taxi instructions are received, the pretaxi route should be reviewed and monitored. It is essential that any changes to the taxi route be understood by all crewmembers) |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                           |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can identify critical locations on the taxi route, where verbal coordination between the PIC and the SIC is important to avoid a runway incursion. (e.g., hot spots/complex intersections, crossing intervening runways, entering and lining up on the runway for takeoff, and approaching and lining up on the runway for landing) |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can conduct briefing of requirements and special considerations during low visibility operations such as: the low visibility taxi chart, if published for the airport                                                                                                                                                               |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                     |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can maintain knowledge of the aircraft's precise position throughout the taxi operation and mentally calculate the next location on the route that will require increased attention (e.g., a turn onto another taxiway, an intersecting runway, or hot spots) |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can interpret and use all visual aids, and signage and lighting on the airport surface                                                                                                                                                                        |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can write down complex taxi instructions or copy taxi instructions into the scratch pad of the CDU                                                                                                                                                            |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                             |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain that before entering a runway for takeoff, the flightcrew should verbally coordinate to ensure correct flap setting, identification of the runway, compass heading, FMC entry, and receipt of the proper ATC clearance to use that runway |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the parameters and importance of a stabilized approach                                                                                                                                                                                    |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain how excessive height over the runway threshold can contribute to a runway overrun                                                                                                                                                         |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain how delayed use of deceleration/maximum braking can contribute to a runway overrun                                                                                                                                                        |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                            |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can describe the point at which landing configuration should be established in a stabilized approach |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can describe a stabilized approach profile for both VMC and IMC conditions                           |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can describe the characteristics of a stabilized descent rate                                        |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can describe the characteristics of indicated airspeed during a stabilized approach                  |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                 |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                       |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain that ATP criteria for touchdown point is the aiming point markings - 250/+500 feet, or where there are no runway aiming point markings 750 to 1,500 feet from the approach threshold of the runway. |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain proper landing and braking technique                                                                                                                                                                |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can discuss the chain of events that lead to an overrun in this example, and relate it to their own experiences                                                                                                 |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the airspeeds used during specific phases of flight                                                                                                                                                 |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                          |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the airspeeds used during specific phases of flight                          |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the airspeeds used during specific phases of flight                          |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the airspeeds used during specific phases of flight                          |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the airspeeds used during specific phases of flight                          |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the information available on an airport diagram, chart supplement and NOTAMS |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                            |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                  |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can interpret taxi instructions including published taxi routes                                                                                            |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can identify airport and runway markings, signs, and lights                                                                                                |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can describe appropriate aircraft lighting for day and night operations                                                                                    |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can describe appropriate flight deck activities prior to taxi, including route planning, identifying the location of Hot Spots, and coordinating with crew |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                 |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                       |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can describe proper procedures for entering or crossing runways                                                                                                 |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain procedures for taxi on one engine                                                                                                                   |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the hazards of low visibility taxi operations                                                                                                       |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can describe conditions and situations that could warrant a rejected takeoff (e.g., takeoff warning systems, powerplant failure, other systems warning/failure) |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                 |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                       |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can describe safety considerations following a rejected takeoff                                                 |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the procedure for accomplishing a rejected takeoff                                                  |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain accelerate/stop distance                                                                            |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can define relevant V-speeds for a rejected takeoff                                                             |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain situations that would require an emergency descent (e.g., depressurization, smoke, or engine fire). |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                     |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain declaring an emergency and selection of a suitable airport or landing location    |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the importance of timely and correct decisions related to rejected takeoffs (RTO) |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the importance of timely decisions in relation $V_1$                              |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain how use of published approach guidance in visual conditions can reduce errors     |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                       |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can identify The runway and taxiway characteristics concerning width, safety areas, obstacle free zones, markings, hold lines, signs, holding spots, runway slope, suitability of threshold crossing height (TCH), critical area protection, taxiway position markings, runway distance remaining markings, runway distance remaining signs, and LVO/SMGCS should be addressed. |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                               |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes:</p> <p>Recognition of impending stall indications and understanding of the need to initiate the stall recovery procedure at an impending stall.</p> |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes:</p> <p>Recognition of full stall indication (see paragraph 1-7) with the realization that most swept-wing transport category aircraft exhibit full stall characteristics different from those typically experienced in General Aviation (GA) aircraft used during certification training.</p> |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: For airplanes equipped with a stick pusher, recommended recovery actions in response to stick pusher activation.</p> |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                           |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: Avoiding cyclical or oscillatory control inputs to prevent exceeding the structural limits of the airplane.</p> |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                      |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: Structural considerations, including explanation of limit load, ultimate load, and the dangers of combining accelerative and rolling moments (i.e., the rolling pull) during recovery.</p> |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                          |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: The necessity for smooth, deliberate, and positive control inputs to avoid unacceptable load factors and secondary stalls.</p> |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: AOA must be reduced prior to controlling roll.</p>                                                                             |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                   |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: Effectiveness of control surfaces and the order in which the control surfaces lose and regain their effectiveness (e.g., spoilers, ailerons, etc.).</p> |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can explain proper recovery procedures should emphasize that a reduction of the AOA is required to initiate recovery of all stall events. Additional information to incorporate into recovery training includes: If a terrain awareness warning system (TAWS) warning is encountered during recovery from a low altitude stall event, recovery from the stall warning should take precedence. Once the airplane recovers from the stall event, then execute the TAWS escape maneuver.</p> |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: AOA versus pitch angle.</p>                                                                                                                                                                                                                                                                                                                               |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                             |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Rate of onset including rate of airspeed decay (both low and high).                                                                   |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Airplane configuration and condition including weight, center of gravity (CG), landing gear, flaps/slats, spoilers/speed brakes, etc. |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                            |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Asymmetric loading including thrust asymmetries, wing loading due to roll or yaw transients or uncoordinated flight. |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: G loading.                                                                                                           |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Bank angle.                                                                                                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                          |
|-----------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Thrust and lift vectors.                 |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Thrust required versus thrust available. |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Wind shear.                              |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Altitude.                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                      |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Mach effects.                                                  |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Situational Awareness.                                         |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Mode confusion, including unexpected/unannounced mode changes. |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                       |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                             |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Unexpected transition from automated to manual flight.                                |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain an awareness of the factors that may lead to a stall event during automated and manual flight operations including: Contamination (ice), including the effect of icing on stall speed and stall warnings. |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                       |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can demonstrate an understanding of AOA indicators (if installed) or interpretation of other representations of AOA such as pitch-limit indicators or speed display symbology that can assist in stall prevention.                                              |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain specific stall and low-speed buffet characteristics unique to the airplane type and any implications for the expected flight operations and airplane-specific stall recovery procedure (e.g., underwing mounted engines, t-tail, propellers, etc.). |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain for envelope protected airplanes, stall protection capabilities in normal and degraded modes.                                                                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                     |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                           |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can describe thrust settings and its application.                                   |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can demonstrate awareness of autoflight mode indications.                           |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain incorrect use of (including input errors) flightpath automated systems. |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                     |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the operation and function of stall protection systems in normal, abnormal, and emergency situations, including the hazards of overriding or ignoring stall protection system indications. Awareness of the factors that may lead such systems to fail, as well as degraded modes, indications, or behaviors that may occur with system failures. |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain buffet boundary and margins in flight planning and operational flying.                                                                                                                                                                                                                                                                            |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                            |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the lower margins for stall onset and recovery (i.e., coffin corner) and possible buffet cueing differences on the high-speed versus the low-speed margin.                                                                                               |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the principles of high altitude aerodynamics, performance capabilities, and limitations; including high altitude operations and flight techniques (i.e., the need to avoid secondary stall by extended nose-down recovery, compared to lower altitudes). |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                         |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | Can explain the differences in airplane performance (e.g., thrust available) during high versus low altitude operations, the effects of those differences on stall recovery, and the anticipated altitude loss during a recovery. |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can explain the differences between transport category airplane certification and GA airplane certification regarding use of flight controls at high AOA. For example, if the roll control system is compromised and the ailerons are unable to produce the required roll recovery, the rudder may be used with care during stall prevention and recovery. To maintain structural integrity, it is important to guard against control reversals—avoid rapid full-scale reversal of control deflection</p> |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can demonstrate general awareness of example events. Although significant emphasis should be placed on preventing stall events, it is important for pilots to understand that, although rare, stall events continue to occur. Studying the causes and contributing factors of stall events give pilots more knowledge to help prevent or if necessary, recover from a stall event. A review of stall-related accidents, incidents, ASAP, FOQA, and ASRS data for the specific airplane type or class should be included in ground training.</p> |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM | <p>Can explain the STICK PUSHER. For airplanes equipped with a stick pusher, stall recovery training includes ground training and practical training in an FFS. It is important for pilots to experience the sudden forward movement of the control yoke/stick during a stick pusher activation. From observations, most instructors state that, regardless of previous academic training, pilots usually resist the stick pusher on their first encounter. Usually, they immediately pull back on the control yoke/stick rather than releasing pressure as they have been taught. Therefore, pilots must receive practical stick pusher training in an FFS to develop the proper response (allowing the pusher to reduce AOA) when confronted with a stick pusher activation. Stick pusher training should be completed as a demonstration/practice exercise, including repetitions, until the pilot's reaction is to permit the reduction in AOA even at low altitudes. Pilot response to a deliberate activation of the pusher is not a checked maneuver.</p> |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Flight Profiles and Maneuvers                       | Understand determining climb performance per AFM |                                                                                             |
| Fuel System                                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Fuel System                                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Fuel System                                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Fuel System                                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Fuel System                                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Fuel System                                         | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Fuel System                                         | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Fuel System                                         | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Hydraulic System                                    | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain that regulations prohibit takeoff when snow, ice, or frost is adhering to wings, propellers, or control surfaces of an aircraft.      |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                           |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                 |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain that the degradation in aircraft performance and changes in flight characteristics when frozen contaminants are present are wide ranging, unpredictable, and highly dependent upon individual aircraft design |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain that the PIC has the ultimate responsibility to determine if the aircraft is clean and that the aircraft is in a condition for safe flight.                                                                   |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                              |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain that in order to achieve compliance with the clean aircraft concept, it is imperative that takeoff not be attempted in any aircraft unless the pilot-in-command (PIC) is certain that critical components of the aircraft are free of frozen contaminants. |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain that for aircraft type specific procedures, pilots should refer to the aircraft flight manuals or other manufacturer documents developed for that particular type aircraft                                                                                 |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                             |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain that icing conditions (during flight or ground operations) can occur, and ice protection systems or procedures should be activated when OAT is below 50 degrees F (10 degrees C) and visible moisture in any form is present or when there is standing water, ice, or snow on the runway and/or taxiways. |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                           |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain that residual ice or slush accumulated on airframe components during landing and taxi operations on contaminated runways, taxiways and ramps, can remain in place if low temperatures and other weather conditions exist unless identified and removed. Contaminants of this type are commonly found in wheel wells, on landing gear components, trailing edge flaps, undersurfaces of wings and horizontal stabilizers |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                                                                       |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                             |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain that the deicing process is intended to restore the aircraft to a clean configuration so that neither degradation of aerodynamic characteristics nor mechanical interference from contaminants will occur |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain that it is essential that the PIC have a thorough understanding of the deicing and anti-icing process and the approved procedures necessary to ensure that the aircraft is clean for takeoff.             |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain that anti-icing should be performed as near to the takeoff time as possible to minimize the risk of exceeding the useful life or time of effectiveness of the anti-icing fluid                            |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Ice Protection                                      | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Ice Protection                                      | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Ice Protection                                      | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Ice Protection                                      | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Ice Protection                                      | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |
| Ice Protection                                      | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                    |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Ice Protection                                      | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Ice Protection                                      | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Ice Protection                                      | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Ice Protection                                      | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Ice Protection                                      | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Ice Protection                                      | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Ice Protection                                      | Understand determining climb performance per AFM | Can describe characteristics of type I fluid                                                                                                      |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Ice Protection                                      | Understand determining climb performance per AFM | Can describe characteristics of type II, III and IV fluids                                  |
| Ice Protection                                      | Understand determining climb performance per AFM | Can describe differences between holdover time guidelines of the four fluid types           |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Landing Gear and Brakes                             | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Lighting                                            | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Lighting                                            | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Lighting                                            | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Lighting                                            | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Lighting                                            | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| Lighting                                            | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device                             |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
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| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
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| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                     |
| MEL and CDL                                         | Understand determining climb performance per AFM | Can apply the use of a Minimum Equipment List (MEL) and a Configuration Deviation List (CDL) to document inoperative components of this system and explain related procedures |
| Oil System                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                                                   |
| Oil System                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                                                   |
| Oil System                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                                            |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Oil System                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Oil System                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Oil System                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Oxygen                                              | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Oxygen                                              | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Oxygen                                              | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Oxygen                                              | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Oxygen                                              | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Oxygen                                              | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Oxygen                                              | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Oxygen                                              | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Oxygen                                              | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Oxygen                                              | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Oxygen                                              | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Oxygen                                              | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Oxygen                                              | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Oxygen                                              | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Oxygen                                              | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Oxygen                                              | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Oxygen                                              | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Oxygen                                              | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pitot-static System                                 | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Pitot-static System                                 | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Pitot-static System                                 | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Pitot-static System                                 | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Pitot-static System                                 | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Pitot-static System                                 | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pitot-static System                                 | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Pitot-static System                                 | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Pitot-static System                                 | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Pitot-static System                                 | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Pitot-static System                                 | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Pitot-static System                                 | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Pneumatic and Environmental Systems                 | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Powerplant                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Powerplant                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Powerplant                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Powerplant                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Powerplant                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Powerplant                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Powerplant                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Powerplant                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Powerplant                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                          |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Powerplant                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Powerplant                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Powerplant                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |
| Powerplant                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Powerplant                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Powerplant                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                               |
|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                     |
| Powerplant                                          | Understand determining climb performance per AFM | Can describe normal powerplant start procedures and limitations with APU      |
| Powerplant                                          | Understand determining climb performance per AFM | Can describe abnormal powerplant start procedures and limitations without APU |
| Powerplant                                          | Understand determining climb performance per AFM |                                                                               |
| Powerplant                                          | Understand determining climb performance per AFM |                                                                               |
| Powerplant                                          | Understand determining climb performance per AFM |                                                                               |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                         |
|-----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                               |
| Powerplant                                          | Understand determining climb performance per AFM |                                                                                         |
| Preflight                                           | Understand determining climb performance per AFM | Can explain which items must be inspected per the OEM Manuals using pictorial preflight |
| Preflight                                           | Understand determining climb performance per AFM | Can explain the reasons for checking each item during preflight                         |
| Preflight                                           | Understand determining climb performance per AFM | Can describe how to detect possible defects                                             |
| Preflight                                           | Understand determining climb performance per AFM | Can explain how to coordinate checklist with crew, if appropriate                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                             |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                   |
| Preflight                                           | Understand determining climb performance per AFM |                                                                                             |
| Preflight                                           | Understand determining climb performance per AFM |                                                                                             |
| Propellers                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology |
| Propellers                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                 |
| Propellers                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals          |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Propellers                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Propellers                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Propellers                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Propellers                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Propellers                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Propellers                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Propellers                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Propellers                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Propellers                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Propellers                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Propellers                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Propellers                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Propellers                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Propellers                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Propellers                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Propellers                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |



| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Propellers                                          | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |
| Propellers                                          | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                       |
| Propellers                                          | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                   |
|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         |
| Propellers                                          | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                                |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |
| Propellers                                          | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |
| Thrust Reverse                                      | Understand determining climb performance per AFM | Can describe the operation of the airplane systems and components using correct terminology                                                       |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      |
| Thrust Reverse                                      | Understand determining climb performance per AFM | Can explain system or component limitations                                                                                                    |
| Thrust Reverse                                      | Understand determining climb performance per AFM | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |
| Thrust Reverse                                      | Understand determining climb performance per AFM | Can explain immediate action items or memory items, if appropriate                                                                             |
| Thrust Reverse                                      | Understand determining climb performance per AFM | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                                                                                                                            |
|-----------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                  |
| Thrust Reverse                                      | Understand determining climb performance per AFM | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device                          |
| Weight and Balance                                  | Understand determining climb performance per AFM | Can reference air carrier weight and balance procedures if applicable                                                                                                      |
| Weight and Balance                                  | Understand determining climb performance per AFM | Can explain and demonstrate the use of charts, tables, and data to determine performance                                                                                   |
| Weight and Balance                                  | Understand determining climb performance per AFM | Can demonstrate proficient use of appropriate performance charts, tables, graphs, or other data to determine airplane performance and limitations for all phases of flight |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                                    |
|-----------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                          |
| Windshear                                           | Understand determining climb performance per AFM | Can discuss windshear recognition                                  |
| Windshear                                           | Understand determining climb performance per AFM | Can discuss windshear pilot technique                              |
| Windshear                                           | Understand determining climb performance per AFM | Can discuss windshear encounter during takeoff after liftoff       |
| Windshear                                           | Understand determining climb performance per AFM | Can discuss windshear encounter during takeoff while on the runway |
| Windshear                                           | Understand determining climb performance per AFM | Can discuss windshear encounter on the approach                    |

| HS-125 COURSE 2 – GROUND SCHOOL LEARNING OBJECTIVES |                                                  |                                                  |
|-----------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| COURSE 2                                            | TASKS                                            | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES        |
| Windshear                                           | Understand determining climb performance per AFM | Can discuss general windshear recovery technique |

## 7 Simulator Training Learning Objectives – Course 2

### 7.1 Course 2 – SIM 1 Learning Objectives

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                              |                              |                         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                        | MOTOR SKILL LEARNING OBJECTIVES                                                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Conduct after landing, parking and securing  |                                                                                                              |                              | High                    |
| Conduct after landing, parking and securing  | Can demonstrate runway incursion avoidance procedures.                                                       |                              | High                    |
| Conduct after landing, parking and securing  | Can comply with ATC instructions and perform radio calls as appropriate.                                     |                              | High                    |
| Conduct after landing, parking and securing  | Can coordinate with crew, if applicable, and execute the appropriate checklist(s) after clearing the runway. |                              | High                    |
| Conduct after landing, parking and securing  | Can perform parking in the appropriate area, considering the safety of nearby persons and property.          |                              | High                    |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                    |                                                                                                                        |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                 | ATTITUDE LEARNING<br>OBJECTIVES                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct after landing, parking and securing  | Can execute a postflight inspection and document discrepancies and servicing requirements, if any. |                                                                                                                        | High                          |
| Conduct after landing, parking and securing  | Can perform securing the airplane.                                                                 |                                                                                                                        | High                          |
| Conduct after landing, parking and securing  |                                                                                                    | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions.                        | High                          |
| Conduct after landing, parking and securing  |                                                                                                    | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions. | High                          |
| Conduct after landing, parking and securing  |                                                                                                    | Can identify, assess, and manage risks, encompassing propeller, turbofan inlet, and exhaust safety.                    | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1          |                                    |                                                                                                        |                               |
|-------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct after<br>landing, parking<br>and securing     |                                    | Can identify, assess, and<br>manage risks,<br>encompassing airport<br>specific security<br>procedures. | High                          |
| Conduct after<br>landing, parking<br>and securing     |                                    | Can identify, assess, and<br>manage risks,<br>encompassing<br>disembarking passengers.                 | High                          |
| Conduct approach<br>and landing with<br>pitch mistrim |                                    |                                                                                                        | High                          |
| Conduct approach<br>and landing with<br>pitch mistrim |                                    |                                                                                                        | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                    |                                 |                               |
|-------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                    |                                 |                               |
|-------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                    |                                 |                               |
|-------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                    |                                 |                               |
|-------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct approach and landing with pitch mistrim |                                    |                                 | High                          |
| Conduct Arrival Procedures                      |                                    |                                 | High                          |
| Conduct Arrival Procedures                      |                                    |                                 | High                          |
| Conduct Arrival Procedures                      |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                        |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                   |                                                                                                                        |                                 | High                          |
| Conduct Arrival Procedures                   | Can select, identify and use the appropriate communication and navigation facilities associated with the arrival       |                                 | High                          |
| Conduct Arrival Procedures                   | Can perform setup of FMS and avionics to include flight director and autopilot controls for the arrival, if applicable |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                              |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                   | Can use current and appropriate navigation publications or databases for the proposed flight                 |                                 | High                          |
| Conduct Arrival Procedures                   | Can initiate two-way communications with the proper controlling agency                                       |                                 | High                          |
| Conduct Arrival Procedures                   | Can use proper phraseology and comply in a timely manner with all ATC instructions and airspace restrictions |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                             |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                   | Can perform interception of courses, radials, and bearings appropriate to the procedure, route or clearance |                                 | High                          |
| Conduct Arrival Procedures                   | Can comply with all applicable charted procedures                                                           |                                 | High                          |
| Conduct Arrival Procedures                   | Can comply with airspeed restrictions required by regulation, procedure, aircraft limitation or ATC         |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                        |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival<br>Procedures                | Can maintain rate of descent<br>consistent with the route<br>segment, airplane operating<br>characteristics and safety |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                           |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                   | Can maintain the appropriate airspeed/V-speed $\pm 10$ knots, but not less than VRef if applicable, heading $\pm 10^\circ$ , altitude $\pm 100$ feet, and accurately track radials, courses, and bearings |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                       |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                   |                                    | Can identify, assess, and manage risks, encompassing failure to communicate with ATC or follow published procedures.  | High                          |
| Conduct Arrival Procedures                   |                                    | Can identify, assess, and manage risks, encompassing failure to recognize limitations of traffic avoidance equipment. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                             |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                   |                                    | Can identify, assess, and manage risks, encompassing failure to use see and avoid techniques when possible. | High                          |
| Conduct Arrival Procedures                   |                                    | Can identify, assess, and manage risks, encompassing improper automation management.                        | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                 |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Arrival Procedures                   |                                    | Can identify, assess, and manage risks, encompassing ATC instructions that modify an arrival or discontinue/resume the aircraft's lateral or vertical navigation on an arrival. | High                          |
| Conduct Arrival Procedures                   |                                    |                                                                                                                                                                                 | High                          |
| Conduct Arrival Procedures                   |                                    |                                                                                                                                                                                 | High                          |
| Conduct Arrival Procedures                   |                                    |                                                                                                                                                                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks             |                                    | Can manage the risk of errors when assigned an RNAV DP and subsequently receives a change of runway, procedure or transition by verifying the appropriate changes are entered and available for navigation prior to takeoff. | High                          |
| Conduct Before<br>Takeoff Checks             |                                    |                                                                                                                                                                                                                              | High                          |
| Conduct Before<br>Takeoff Checks             |                                    |                                                                                                                                                                                                                              | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                 |                               |
|----------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks             |                                    |                                 | High                          |
| Conduct Before<br>Takeoff Checks             |                                    |                                 | High                          |
| Conduct Before<br>Takeoff Checks             |                                    |                                 | High                          |
| Conduct Before<br>Takeoff Checks             |                                    |                                 | High                          |
| Conduct Before<br>Takeoff Checks             |                                    |                                 | High                          |
| Conduct Before<br>Takeoff Checks             |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                             | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks             | Can determine the airplane's<br>takeoff performance for actual<br>conditions and planned<br>departure runway   |                                 | High                          |
| Conduct Before<br>Takeoff Checks             | Can coordinate with crew and<br>execute the appropriate<br>checklist(s) prior to takeoff in<br>a timely manner |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                         |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                      | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks             | Can confirm all systems<br>checked are within an<br>acceptable operating range and<br>are safe for the proposed flight                  |                                 | High                          |
| Conduct Before<br>Takeoff Checks             | Can explain any system<br>operating characteristic or<br>limitation and any corrective<br>action for a malfunction during<br>the checks |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                   |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks             | Can determine airspeeds/V-<br>speeds and set flight<br>instruments appropriately                                                  |                                 | High                          |
| Conduct Before<br>Takeoff Checks             | Can use flight director and<br>autopilot controls for the<br>current flight conditions and<br>takeoff and departure<br>clearances |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                 |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks             | Can perform configuration of<br>navigation equipment for<br>takeoff and departure<br>clearances |                                 | High                          |
| Conduct Before<br>Takeoff Checks             | Can configure communication<br>equipment for takeoff and<br>departure clearances                |                                 | High                          |
| Conduct Before<br>Takeoff Checks             | Can obtain and correctly<br>interpret the takeoff and<br>departure clearance                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                          |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks             | Can conduct a briefing that includes procedures for emergency and abnormal situations (e.g., powerplant failure, windshear), which may be encountered during takeoff, and state the planned action if they were to occur |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                 |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks             |                                    | Can identify, assess, and<br>manage risks,<br>encompassing division of<br>attention while conducting<br>before takeoff checks   | High                          |
| Conduct Before<br>Takeoff Checks             |                                    | Can identify, assess, and<br>manage risks,<br>encompassing an<br>unexpected change in the<br>runway to be used for<br>departure | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                                     |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks             |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>verify performance data is<br>correct and airspeeds and<br>flight instruments are set<br>for actual conditions and<br>the departure runway | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                               |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks             |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>set navigation and<br>communication equipment<br>for departure       | High                          |
| Conduct Before<br>Takeoff Checks             |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>configure autopilot and<br>flight director controls for<br>departure | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                     |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks             |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>account for adverse<br>weather conditions prior to<br>takeoff (e.g., snow, ice,<br>gusting crosswinds, low-<br>visibility) | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                                                                                            |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks             |                                    | Can identify, assess, and manage risks, encompassing A powerplant failure during takeoff or other malfunction considering operational factors such as airplane characteristics, runway/takeoff path length, surface conditions, environmental conditions, and obstructions | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                     |                                    |                                                                                                |                               |
|----------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Before<br>Takeoff Checks                                                 |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>complete checklist(s) | High                          |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A |                                    |                                                                                                | High                          |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A |                                    |                                                                                                | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                     |                                    |                                 |                               |
|----------------------------------------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A |                                    |                                 | High                          |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A |                                    |                                 | High                          |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                     |                                                                                                               |                                 |                               |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A |                                                                                                               |                                 | High                          |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A | Can maintain coordinated<br>flight in simulated or actual<br>instrument conditions<br>throughout the maneuver |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                               |                                                                                                                                        |                                 |                               |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                      | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Clean Configuration<br>Stall prevention<br>Maneuver per AC120-109A | Can perform smooth adjustment of pitch attitude, bank angle (15°-30°), and power setting either manually or with the autopilot engaged |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                         |                                                                                                                                                 |                                 |                               |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A | Can recognize the cues and execute prompt recovery at the first indication of an impending stall (e.g., buffet, stall horn, stick shaker, etc.) |                                 | High                          |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A | Can execute a stall recovery in accordance with procedures set forth in the POH/AFM                                                             |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                         |                                                 |                                                                                                                                                                    |                               |
|----------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                | MOTOR SKILL<br>LEARNING OBJECTIVES              | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A | Can execute a return to the desired flight path |                                                                                                                                                                    | High                          |
| Conduct Clean Configuration Stall prevention Maneuver per AC120-109A |                                                 | Can identify, assess, and manage risks encompassing factors and situations that could lead to an inadvertent stall, spin, and loss of control during cruise flight | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                     |                                    |                                                                                                                                                                                 |                               |
|----------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing range and<br>limitations of stall warning<br>indicators (e.g., aircraft<br>buffet, stall horn, stick<br>shaker, etc.) | High                          |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing failure to<br>recognize and recover at<br>the stall warning                                                           | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                     |                                    |                                                                                                                                                         |                               |
|----------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing improper<br>stall recovery procedure                                                          | High                          |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing secondary<br>stalls, accelerated stalls,<br>elevator trim stalls, and<br>cross-control stalls | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                     |                                    |                                                                                                                                                                                                                                                 |                               |
|----------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing effect of<br>environmental elements on<br>aircraft performance while<br>in cruise flight as it relates<br>to stalls (e.g., turbulence,<br>microbursts, and high-<br>density altitude) | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                     |                                    |                                                                                                                                             |                               |
|----------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Clean<br>Configuration<br>Stall prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management | High                          |
| Conduct<br>Departure<br>Procedures                                               |                                    |                                                                                                                                             | High                          |
| Conduct<br>Departure<br>Procedures                                               |                                    |                                                                                                                                             | High                          |
| Conduct<br>Departure<br>Procedures                                               |                                    |                                                                                                                                             | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                 |                               |
|----------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures           |                                    |                                 | High                          |
| Conduct<br>Departure<br>Procedures           |                                    |                                 | High                          |
| Conduct<br>Departure<br>Procedures           |                                    |                                 | High                          |
| Conduct<br>Departure<br>Procedures           |                                    |                                 | High                          |
| Conduct<br>Departure<br>Procedures           |                                    |                                 | High                          |
| Conduct<br>Departure<br>Procedures           |                                    |                                 | High                          |
| Conduct<br>Departure<br>Procedures           |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                              |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures           | Can select the appropriate<br>instrument departure<br>procedure.                                             |                                 | High                          |
| Conduct<br>Departure<br>Procedures           | Can select, identify and use the<br>appropriate communication<br>facilities associated with the<br>procedure |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                           |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures           | Can select, identify and use the appropriate navigation facilities associated with the procedure                                          |                                 | High                          |
| Conduct<br>Departure<br>Procedures           | Can perform programming the FMS prior to departure and execute avionics setup of flight director and autopilot controls for the departure |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                              |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures           | Can use current and appropriate navigation publications or databases for the proposed flight                 |                                 | High                          |
| Conduct<br>Departure<br>Procedures           | Can initiate two-way communications with the proper controlling agency                                       |                                 | High                          |
| Conduct<br>Departure<br>Procedures           | Can use proper phraseology and comply in a timely manner with all ATC instructions and airspace restrictions |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                      |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures           | Can perform interception of<br>courses, radials, and bearings<br>appropriate to the procedure,<br>route or clearance |                                 | High                          |
| Conduct<br>Departure<br>Procedures           | Can comply with all applicable<br>charted procedures                                                                 |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                            |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                         | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures           | Can maintain the appropriate<br>airspeed $\pm 10$ knots, headings<br>$\pm 10^\circ$ , and altitude $\pm 100$ feet,<br>and accurately track a course,<br>radial, or bearing |                                 | High                          |
| Conduct<br>Departure<br>Procedures           | Can execute the departure<br>phase to a point where the<br>transition to the en route<br>environment is complete                                                           |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                    |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures           |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>communicate with ATC or<br>follow published<br>procedures and required<br>climb gradients | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                        |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Departure<br>Procedures           |                                    | Can identify, assess, and<br>manage risks,<br>encompassing limitations<br>of air traffic avoidance<br>equipment and use of see<br>and avoid techniques | High                          |
| Conduct<br>Departure<br>Procedures           |                                    | Can identify, assess, and<br>manage risks,<br>encompassing improper<br>automation management                                                           | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                                     |                                    |                                 |                               |
|--------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Interior<br>and exterior<br>preflight/Visual<br>Inspection and<br>prestart<br>procedures |                                    |                                 | High                          |
| Conduct Interior<br>and exterior<br>preflight/Visual<br>Inspection and<br>prestart<br>procedures |                                    |                                 | High                          |
| Conduct Interior<br>and exterior<br>preflight/Visual<br>Inspection and<br>prestart<br>procedures |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                      |                                    |                                                                                                       |                               |
|-----------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                             | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                    |                                                                                                       | High                          |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                    | Can identify, assess, and manage risks encompassing Inoperative equipment discovered prior to flight. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                      |                                    |                                                                                                        |                               |
|-----------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                             | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Interior and exterior preflight/Visual Inspection and prestart procedures |                                    | Can identify, assess, and manage risks encompassing external pressures and Aviation security concerns. | High                          |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A            |                                    |                                                                                                        | High                          |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A            |                                    |                                                                                                        | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                       |                                    |                                 |                               |
|------------------------------------------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                              | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    |                                 | High                          |
| Conduct Landing<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    |                                 | High                          |
| Conduct Landing<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                       |                                                                                                                                                    |                                 |                               |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                              | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A | Can perform smooth<br>adjustment of pitch attitude,<br>bank angle (15°-30°), and<br>power setting either manually<br>or with the autopilot engaged |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                           |                                                                                                                                                 |                                 |                               |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                  | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A | Can recognize the cues and execute prompt recovery at the first indication of an impending stall (e.g., buffet, stall horn, stick shaker, etc.) |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                           |                                                                                                                                                                                                                     |                                 |                               |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                  | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                  | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A | Can perform establishment of the landing configuration (i.e., lift/drag devices set and landing gear extended) and maintain coordinated flight in simulated or actual instrument conditions throughout the maneuver |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                           |                                                                                                                                                 |                                 |                               |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                  | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A | Can recognize the cues and execute prompt recovery at the first indication of an impending stall (e.g., buffet, stall horn, stick shaker, etc.) |                                 | High                          |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A | Can execute a stall recovery in accordance with procedures set forth in the POH/AFM                                                             |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                           |                                                                                                                                                                                                         |                                 |                               |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                  | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                      | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing Configuration Stall Prevention Maneuver per AC120-109A | Can execute retraction of the flaps or other lift/drag devices to the recommended setting, retract the landing gear after a positive rate of climb is established and return to the desired flight path |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                       |                                    |                                                                                                                                                                                |                               |
|------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                              | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing factors and<br>situations that could lead<br>to an inadvertent stall,<br>spin, and loss of control<br>during landing | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                       |                                    |                                                                                                                                                                                 |                               |
|------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                              | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing range and<br>limitations of stall warning<br>indicators (e.g., aircraft<br>buffet, stall horn, stick<br>shaker, etc.) | High                          |
| Conduct Landing<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing failure to<br>recognize and recover at<br>the stall warning                                                           | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                       |                                    |                                                                                                                                                         |                               |
|------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                              | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing improper<br>stall recovery procedure                                                          | High                          |
| Conduct Landing<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing secondary<br>stalls, accelerated stalls,<br>elevator trim stalls, and<br>cross-control stalls | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                       |                                    |                                                                                                                                                                                                                                                  |                               |
|------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                              | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing the effect of<br>environmental elements on<br>aircraft performance while<br>landing as it relates to<br>stalls (e.g., turbulence,<br>icing, microbursts, and<br>high-density altitude) | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                       |                                    |                                                                                                                                             |                               |
|------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                              | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing stalls at a<br>low altitude                                                       | High                          |
| Conduct Landing<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management | High                          |
| Conduct Landing<br>From a Precision<br>Approach                                    |                                    |                                                                                                                                             | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                                                                                                                                                                                                                                                              |                                 |                               |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                                                                                                                                                                                                                                                              |                                 | High                          |
| Conduct Landing<br>From a Precision<br>Approach | Can maintain the desired<br>airspeed, $\pm 5$ knots, and vertical<br>and lateral guidance within $\frac{1}{4}$ -<br>scale deflection of the<br>indicators during the descent<br>from DA/DH to a point where<br>visual maneuvering is used to<br>accomplish a normal landing. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                                                                                                                                                          |                                 |                               |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach | Can comply with all ATC<br>advisories, such as NOTAMs,<br>windshear, wake turbulence,<br>runway surface, braking<br>conditions, and other<br>operational considerations. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                                                                                                                                                                                                           |                                 |                               |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach | Can execute touch down at the appropriate speed and pitch attitude at the runway aiming point markings, -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                                                                                                                  |                                 |                               |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach | Can maintain positive airplane control throughout the landing using drag and braking devices, as appropriate, to come to a stop. |                                 | High                          |
| Conduct Landing<br>From a Precision<br>Approach | Can demonstrate SRM or CRM, as appropriate.                                                                                      |                                 | High                          |
| Conduct Landing<br>From a Precision<br>Approach | Can apply runway incursion avoidance procedures.                                                                                 |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                    |                                                                                                                                                                                                       |                               |
|-------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and manage risks, encompassing selection of an approach procedure and runway based on pilot capability, aircraft limitations, available distance, surface conditions, and wind. | High                          |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                                                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                    |                                                                                                                      |                               |
|-------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>missed approach                           | High                          |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>land and hold short<br>operations (LAHSO) | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                    |                                                                                                                                                                                                     |                               |
|-------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>collision hazards, to<br>include aircraft, terrain,<br>obstacles, wires, vehicles,<br>vessels, persons, and<br>wildlife. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                    |                                                                                                                                             |                               |
|-------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and manage risks, encompassing planning for low altitude maneuvering including stall, spin, or CFIT.                  | High                          |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and manage risks, encompassing planning for distractions, loss of situational awareness, or improper task management. | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                    |                                                                                                                             |                               |
|-------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>attempting to land from an<br>unstable approach. | High                          |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>flying below the glidepath.                      | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                    |                                                                                                                                                  |                               |
|-------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>transitioning from<br>instrument to visual<br>references for landing. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |
|-------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | <p>Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting.</p> | High                          |
| Conduct Landing<br>From a Precision<br>Approach |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                                                                                                                                                                                                                              |                                 |                               |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach | Can perform proper reaction to significant airborne system failures experienced prior to and after reaching the final approach fix (FAF), MDA, DA/DH, or AH. Expected pilot response to failure after touchdown should be addressed as well. |                                 | High                          |
| Conduct Landing<br>From a Precision<br>Approach |                                                                                                                                                                                                                                              |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                                                                                                                                                          |                                 |                               |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach | Can recognize and execute appropriate actions in response to ground or navigation system faults, failures or abnormalities at any point during the approach and landing. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1    |                                    |                                                                                                                                                                                                                                                                                                               |                               |
|-------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can appreciate that pilots should be familiar with the need to report navigation system anomalies or discrepancies, failures of any lighting system (e.g., approach lights, runway lights, touchdown zone (TDZ) lights, centerline lights), or any other discrepancies that could be pertinent to operations. | High                          |
| Conduct Missed<br>Approach                      |                                    |                                                                                                                                                                                                                                                                                                               | High                          |
| Conduct Missed<br>Approach                      |                                    |                                                                                                                                                                                                                                                                                                               | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                              |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      |                                                                                                                                              |                                 | High                          |
| Conduct Missed Approach                      | Can apply the appropriate power setting for the flight condition and establish a pitch attitude necessary to obtain the desired performance. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                    |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      | Can perform retraction of the wing flaps/drag devices and landing gear, if appropriate, in the correct sequence and at a safe altitude, and initiate a positive rate of climb at the appropriate airspeed/V- speed, $\pm 5$ knots. |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                      |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      | Can coordinate with crew and execute the appropriate procedures and checklist(s) in a timely manner. |                                 | High                          |
| Conduct Missed Approach                      | Can comply with the published or alternate missed approach procedure.                                |                                 | High                          |
| Conduct Missed Approach                      | Can coordinate with ATC if unable to comply with a clearance, restriction, or climb gradient.        |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                           |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      | Can maintain the heading, course, or bearing $\pm 5^\circ$ , and altitude(s) $\pm 100$ feet during the missed approach procedure.         |                                 | High                          |
| Conduct Missed Approach                      | Can use an MFD and other graphical navigation displays, if installed, to monitor position and track to help navigate the missed approach. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                       |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      | Can demonstrate effective CRM                                                                         |                                 | High                          |
| Conduct Missed Approach                      | Can execute re-engagement of the autopilot at appropriate times during the missed approach procedure. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                 |                                                                                               |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      | Can obtain ATC clearance to attempt another approach, proceed to the alternate airport, holding fix, or other clearance limit, as appropriate, or as directed by the evaluator. |                                                                                               | High                          |
| Conduct Missed Approach                      |                                                                                                                                                                                 | Can identify, assess, and manage risks, encompassing failure to follow prescribed procedures. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      |                                    | Can identify, assess, and manage risks, encompassing holding, diverting, or electing to fly the approach again.                              | High                          |
| Conduct Missed Approach                      |                                    | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                      |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      |                                    | Can identify, assess, and manage risks, encompassing factors that might lead to executing a missed approach procedure before the MAP or to a go-around below DA/MDA. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                           |                                                                                                                      |                               |
|----------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                        | ATTITUDE LEARNING<br>OBJECTIVES                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      |                                                           | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems. | High                          |
| Conduct Missed Approach                      | Can execute a missed approach from the MDA, DA/DH, or AH. |                                                                                                                      | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1       |                                                                                                                                   |                                 |                               |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                            | Can execute a missed approach from a low altitude that could result in a touchdown during go-around (balked or rejected landing). |                                 | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                   |                                 | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                                                                                                                   |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1       |                                                                   |                                 |                               |
|----------------------------------------------------|-------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING OBJECTIVES                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind |                                                                   |                                 | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                                                   |                                 | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can coordinate with crew and execute after landing checklists(s). |                                 | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can perform radio calls as appropriate                            |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1       |                                                                                                                                   |                                 |                               |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can maintain a ground track that ensures the desired traffic pattern will be flown taking into consideration obstructions and ATC |                                 | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can confirm the airplane is aligned with the correct/assigned runway or landing surface.                                          |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1       |                                                                                            |                                 |                               |
|----------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING OBJECTIVES                                                         | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can scan runway or landing surface and adjoining area for traffic and obstructions.        |                                 | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can select a suitable touchdown point considering wind, landing surface, and obstructions. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1       |                                                                                                                                                                                             |                                 |                               |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can perform establishing the recommended approach and landing configuration and airspeed, $\pm 5$ knots, and adjust pitch attitude and power as required to maintain a stabilized approach. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1       |                                                                                                            |                                 |                               |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                         | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can maintain directional control and appropriate crosswind correction throughout the approach and landing. |                                 | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can perform smooth, timely, and correct control application before, during, and after touchdown.           |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                |                                                                                                                                                                                                                                                                                                              |                                 |                               |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Approach and<br>Landing with<br>Crosswind | Can execute touch down with<br>the runway centerline between<br>the main landing gear at the<br>appropriate speed and pitch<br>attitude at the runway aiming<br>point markings -250/+500 feet,<br>or where there are no runway<br>markings 750 to 1,500 feet<br>from the approach threshold of<br>the runway |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                |                                                                                                                                                                                                                                                            |                                 |                               |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                         | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Approach and<br>Landing with<br>Crosswind | Can execute deceleration to taxi speed (20 knots or less on dry pavement, 10 knots or less on contaminated pavement) to within the calculated landing distance plus 25% for the actual conditions with the runway centerline between the main landing gear |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1       |                                                                                                                                                                                  |                                 |                               |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can execute a timely go-around if the approach cannot be made within the tolerances specified above or for any other condition that may result in an unsafe approach or landing. |                                 | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can apply runway incursion avoidance procedures.                                                                                                                                 |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1       |                                    |                                                                                                                                                                                              |                               |
|----------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind |                                    | Can identify, assess, and manage risks, encompassing selection of a runway or approach path and touchdown area based aircraft limitations, available distance, surface conditions, and wind. | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                    | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                                                        | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1       |                                    |                                                                                             |                               |
|----------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind |                                    | Can identify, assess, and manage risks, encompassing Go-Around/Rejected Landing             | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                    | Can identify, assess, and manage risks, encompassing land and Hold Short Operations (LAHSO) | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1       |                                    |                                                                                                                                                                   |                               |
|----------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind |                                    | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | High                          |
| Conduct Normal Approach and Landing with Crosswind |                                    | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                     | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                |                                    |                                                                                                                                                                                                     |                               |
|-------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Approach and<br>Landing with<br>Crosswind |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, incorrect<br>airport surface approach<br>and landing, or improper<br>task management. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1       |                                                                                                                                                  |                                 |                               |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can execute normal landings at the lowest applicable minima for each authorized flight guidance and/or visual system.                            |                                 | High                          |
| Conduct Normal Approach and Landing with Crosswind | Can perform manual rollout in low visibility at applicable minima. (except for aircraft using an automatic fail operational (FO) rollout system) |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1       |                                                                                                                                                                                    |                                 |                               |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                              | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal Approach and Landing with Crosswind | Can perform landings at the limiting environmental conditions authorized for that operator with respect to wind, crosswind components, and runway surface friction characteristics |                                 | High                          |
| Conduct Normal Takeoff and Climb with Crosswind    |                                                                                                                                                                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1             |                                                                                                                 |                                 |                               |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                                                                                 |                                 | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                                                                                 |                                 | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                                                                                 |                                 | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can coordinate with crew and<br>complete the appropriate<br>checklist(s) prior to takeoff in<br>a timely manner |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1             |                                                      |                                 |                               |
|----------------------------------------------------------|------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING OBJECTIVES                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can perform radio calls as<br>appropriate            |                                 | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can verify assigned/correct<br>runway                |                                 | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can verify the airplane is<br>configured for takeoff |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1             |                                                                                                                          |                                 |                               |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can execute clearing of the<br>area and taxi into takeoff<br>position and align the airplane<br>on the runway centerline |                                 | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can maintain centerline and<br>proper flight control inputs<br>during the takeoff roll                                   |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1             |                                                                                                                                                                                                          |                                 |                               |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can confirm takeoff power<br>and proper engine and flight<br>instrument indications prior to<br>rotation and perform callouts<br>as appropriate, for the airplane<br>or per the operator's<br>procedures |                                 | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can perform rotation and lift<br>off at the recommended<br>airspeed                                                                                                                                      |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1             |                                                                                                                                                     |                                 |                               |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                  | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can maintain a power setting<br>and a pitch attitude to maintain<br>the desired climb airspeed/V-<br>speed, $\pm 5$ knots for each climb<br>segment |                                 | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can maintain desired heading<br>$\pm 5^\circ$                                                                                                       |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1             |                                                                                                                                                         |                                 |                               |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                      | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can perform Retraction of the<br>landing gear and flaps in<br>accordance with manufacturer<br>or operator procedures and<br>limitations, as appropriate |                                 | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can perform wake turbulence<br>avoidance                                                                                                                |                                 | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can follow noise abatement<br>procedures                                                                                                                |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1             |                                                                              |                                                                                                                                                                                                |                               |
|----------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING OBJECTIVES                                           | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind | Can execute appropriate after-<br>takeoff checklist(s) in a timely<br>manner |                                                                                                                                                                                                | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                                                              | Can identify, assess, and<br>manage risks,<br>encompassing selection of<br>a runway, or runway<br>intersection aircraft<br>limitations, available<br>distance, surface<br>conditions, and wind | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1             |                                    |                                                                                     |                               |
|----------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                    | Can identify, assess, and<br>manage risks,<br>encompassing wake<br>turbulence       | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                    | Can demonstrate proper<br>planning for rejected<br>takeoff                          | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                    | Can demonstrate proper<br>planning for engine failure<br>in takeoff phase of flight | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1             |                                    |                                                                                                                                                       |                               |
|----------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                    | Can demonstrate proper<br>planning for engine failure<br>in climb phase of flight                                                                     | High                          |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                    | Can identify, assess, and<br>manage risks,<br>encompassing improper<br>aircraft configuration or<br>settings (e.g., trim, flaps,<br>autobrakes, etc.) | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1             |                                    |                                                                                                                                                                                    |                               |
|----------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                    | Can identify, assess, and<br>manage risks,<br>encompassing collision<br>hazards, to include<br>aircraft, terrain, obstacles,<br>wires, vehicles, vessels,<br>persons, and wildlife | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1             |                                    |                                                                                                                                              |                               |
|----------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                    | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                               |                                                                                                                                                                                                                       |                                 |                               |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                      | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Normal<br>Takeoff and<br>Climb with<br>Crosswind                                   | Can perform takeoff in<br>limiting crosswinds, winds,<br>gusts, and runway surface<br>friction to levels authorized.<br>Training should be done at<br>weights or on runways that<br>represent a critical field length |                                 | High                          |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                                                                                                                                                                                                       |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                               |                                    |                                 |                               |
|--------------------------------------------------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                      | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    |                                 | High                          |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    |                                 | High                          |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                               |                                                                                                                                                             |                                 |                               |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                      | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                                                                                                                                             |                                 | High                          |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A | Can recognize the cues and<br>execute prompt recovery at the<br>first indication of an<br>impending stall (e.g., buffet,<br>stall horn, stick shaker, etc.) |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                               |                                                                                           |                                 |                               |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                      | MOTOR SKILL<br>LEARNING OBJECTIVES                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A | Can execute a stall recovery in<br>accordance with procedures<br>set forth in the POH/AFM |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                               |                                                                                                                                                                                                                            |                                 |                               |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                      | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                         | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A | Can execute retraction of the<br>flaps or other lift/drag devices<br>to the recommended setting,<br>retract the landing gear after a<br>positive rate of climb is<br>established, and return to the<br>desired flight path |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                               |                                    |                                                                                                                                                                                                  |                               |
|--------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                      | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks,<br>encompassing factors and<br>situations that could lead<br>to an inadvertent stall and<br>loss of control during<br>takeoff or while on<br>approach | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                               |                                    |                                                                                                                                                                                  |                               |
|--------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                      | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks,<br>encompassing range and<br>limitations of stall warning<br>indicators (e.g., aircraft<br>buffet, stall horn, stick<br>shaker, etc.) | High                          |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>recognize and recover at<br>the stall warning                                                           | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                               |                                    |                                                                                                                                                          |                               |
|--------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                      | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks,<br>encompassing improper<br>stall recovery procedure                                                          | High                          |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks,<br>encompassing secondary<br>stalls, accelerated stalls,<br>elevator trim stalls, and<br>cross-control stalls | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                               |                                    |                                                                                                                                                                                                                                                                        |                               |
|--------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                      | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks,<br>encompassing the effect of<br>environmental elements on<br>aircraft performance while<br>in a partial flap<br>configuration as it relates<br>to stalls (e.g., turbulence,<br>microbursts, and high-<br>density altitude) | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1                                               |                                    |                                                                                                                                              |                               |
|--------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                      | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Partial<br>Flap<br>Configuration<br>Stall Prevention<br>Maneuver per<br>AC120-109A |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management | High                          |
| Conduct<br>Powerplant Start                                                                |                                    |                                                                                                                                              | High                          |
| Conduct<br>Powerplant Start                                                                |                                    |                                                                                                                                              | High                          |
| Conduct<br>Powerplant Start                                                                |                                    |                                                                                                                                              | High                          |
| Conduct<br>Powerplant Start                                                                |                                    |                                                                                                                                              | High                          |
| Conduct<br>Powerplant Start                                                                |                                    |                                                                                                                                              | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                      |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                  |                                                                                                                      |                                 | High                          |
| Conduct<br>Powerplant Start                  |                                                                                                                      |                                 | High                          |
| Conduct<br>Powerplant Start                  | Can ensure the ground safety<br>procedures are followed<br>during the before-start, start,<br>and after- start phase |                                 | High                          |
| Conduct<br>Powerplant Start                  | Can coordinate with crew and<br>complete the appropriate<br>checklist(s) prior to and after<br>powerplant start.     |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                 |                                                                                          |                               |
|----------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                              | ATTITUDE LEARNING<br>OBJECTIVES                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                  | Can identify an abnormal start or malfunction and execute the correct procedure |                                                                                          | High                          |
| Conduct<br>Powerplant Start                  |                                                                                 | Can identify, assess, and manage risks encompassing malfunctions during powerplant start | High                          |
| Conduct<br>Powerplant Start                  |                                                                                 | Can identify, assess, and manage risks encompassing turbine powerplant safety            | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                         |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Powerplant Start                  |                                    | Can identify, assess, and<br>manage risks<br>encompassing managing<br>situations where specific<br>instructions or checklist<br>items are not published | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                     |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Powerplant Start                     |                                    | Can identify, assess, and manage risks encompassing personnel, vehicles, vessels, foreign object debris, and other aircraft in the vicinity during powerplant start | High                          |
| Conduct Precision Approach                   |                                    |                                                                                                                                                                     | High                          |
| Conduct Precision Approach                   |                                    |                                                                                                                                                                     | High                          |
| Conduct Precision Approach                   |                                    |                                                                                                                                                                     | High                          |
| Conduct Precision Approach                   |                                    |                                                                                                                                                                     | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                 |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can perform the precision instrument approaches selected by the instructor/evaluator.                                                           |                                 | High                          |
| Conduct Precision Approach                   | Can initiate two-way communications with ATC appropriate for the phase of flight or approach segment, and use proper communication phraseology. |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                             |                                 |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach. |                                 | High                          |
| Conduct Precision Approach                   | Can comply in a timely manner with all clearances, instructions, and procedures.                                                            |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                        |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can recognize if any flight instrumentation is inaccurate or inoperative, and take appropriate action. |                                 | High                          |
| Conduct Precision Approach                   | Can coordinate with ATC if unable to comply with a clearance.                                          |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                   |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision<br>Approach                | Can maintain the appropriate<br>airplane configuration and<br>airspeed considering<br>meteorological and operating<br>conditions. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                        |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                             |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                          |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can initiate and maintain a predetermined rate of descent which approximates that required for the aircraft to follow the vertical guidance, at the point where vertical guidance begins |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                     |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                  | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can maintain a stabilized final approach from the Final Approach Fix (FAF) to DA/DH allowing no more than ¼-scale deflection of either the vertical or lateral guidance indications and maintain the desired airspeed $\pm 5$ knots |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                               |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision<br>Approach                | Can immediately initiate the missed approach procedures if the required visual references for the runway are not distinctly visible and identifiable upon reaching the DA/DH. |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                                 |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision<br>Approach                | Can, upon reaching the<br>DA/DH, perform a transition<br>to a normal landing when the<br>aircraft is in a position from<br>which a descent to a landing<br>on the runway can be made at<br>a normal rate of descent using<br>normal maneuvering |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                  |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can use an MFD and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                      |                               |
|----------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing failure to follow the correct approach procedure (e.g., descending below the glideslope, etc.). | High                          |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing selecting an incorrect navigation frequency.                                                    | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems.                         | High                          |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                               |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing an unstable approach, including excessive descent rates. | High                          |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing deteriorating weather conditions on approach.            | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                       |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing continuing to descend below the Decision Altitude (DA)/Decision Height (DH) when the required visual references are not visible. | High                          |
| Conduct Precision Approach                   |                                    |                                                                                                                                                                                       | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can perform appropriate normal and non-normal procedures including crew duties, monitoring assignments, transfer of control during normal operations, appropriate automatic or crew-initiated call-outs, proper use of standard or special IAPs, applicable minima for normal configurations or for alternate or failure configurations, and reversion to higher minima in the event of failures |                                 | High                          |
| Conduct Precision Approach                   |                                                                                                                                                                                                                                                                                                                                                                                                  |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                               |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision<br>Approach                | Can perform procedures to address the transition from electronic monitoring displays to external visual references for both PF and PM for systems that include such displays. |                                 | High                          |
| Conduct Precision<br>Approach                |                                                                                                                                                                               |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                    | Can appreciate constraints for head winds, tail winds, crosswinds, and the effect of vertical and horizontal wind shear on automatic systems, flight directors (F/D), or other system (e.g., HUD, SVGS, etc.) performance. For systems such as HUDs that have a limited field of view (FOV), or synthetic reference systems, pilots should be familiar with the display limitations of these systems and expected pilot actions in the event that the aircraft reaches or exceeds a display limit capability. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                                                 |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can execute types of instrument procedures approved for the air carrier (standard and special, lowest straight-in, or circling minima, if applicable); according to the operators manuals, charts and checklists, on the aircraft type, model and series flown. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                           |                                 |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can use flight guidance and/or visual system(s) and their corresponding category(s) of minima for each authorized system; |                                 | High                          |
| Conduct Precision Approach                   | Can use NAVAID(s) and visual aids used (LVO/SMGCS lighting if applicable);                                                |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                              |                                                                                                |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                           | ATTITUDE LEARNING<br>OBJECTIVES                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can apply Flightcrew procedures used (e.g., PF/PM duties, monitored approach, or call-outs); |                                                                                                | High                          |
| Conduct Precision Approach                   |                                                                                              | Can demonstrate familiarization with airport and runway characteristics typically experienced; | High                          |
| Conduct Precision Approach                   |                                                                                              |                                                                                                | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                                                                                                                                                                        |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can perform relevant normal, non-normal, and environmental conditions. Training and evaluation need only be conducted using relevant and representative procedures and conditions (e.g., a representative mix of day, night, dusk, variable/patchy conditions, representative temperatures, landing runway altitudes, precipitation conditions, turbulence, and icing conditions); and |                                 | High                          |
| Conduct Precision Approach                   | Can respond appropriately to aircraft and ground system failures.                                                                                                                                                                                                                                                                                                                      |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1         |                                                                                                     |                                 |                               |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                  | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Recovery<br>From Unusual<br>Flight Attitudes |                                                                                                     |                                 | High                          |
| Conduct Recovery<br>From Unusual<br>Flight Attitudes |                                                                                                     |                                 | High                          |
| Conduct Recovery<br>From Unusual<br>Flight Attitudes |                                                                                                     |                                 | High                          |
| Conduct Recovery<br>From Unusual<br>Flight Attitudes |                                                                                                     |                                 | High                          |
| Conduct Recovery<br>From Unusual<br>Flight Attitudes | Can use instrument cross-<br>check and interpretation to<br>identify a nose low unusual<br>attitude |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1         |                                                                                                                                                    |                                 |                               |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Recovery<br>From Unusual<br>Flight Attitudes | Can use instrument cross-<br>check and interpretation to<br>identify a nose high unusual<br>attitude                                               |                                 | High                          |
| Conduct Recovery<br>From Unusual<br>Flight Attitudes | Can apply the appropriate<br>pitch, bank, and power<br>corrections, in the correct<br>sequence, to return to a<br>stabilized level flight attitude |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1         |                                    |                                                                                                                                                                                                        |                               |
|------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Recovery<br>From Unusual<br>Flight Attitudes |                                    | Can identify, assess, and<br>manage risks,<br>encompassing situations<br>that could lead to loss of<br>control or unusual flight<br>attitudes (e.g., stress, task<br>saturation, and<br>distractions). | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1         |                                    |                                                                                                                                                             |                               |
|------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Recovery<br>From Unusual<br>Flight Attitudes |                                    | Can identify, assess, and<br>manage risks,<br>encompassing exceeding<br>the operating envelope<br>during the recovery                                       | High                          |
| Conduct Recovery<br>From Unusual<br>Flight Attitudes |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>recognize an unusual flight<br>attitude and follow the<br>proper recover procedure | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1         |                                    |                                                                                                                       |                               |
|------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Recovery<br>From Unusual<br>Flight Attitudes |                                    | Can identify, assess, and<br>manage risks,<br>encompassing exceeding<br>the operating envelope<br>during the recovery | High                          |
| Conduct Steep<br>Turns                               |                                    |                                                                                                                       | High                          |
| Conduct Steep<br>Turns                               |                                    |                                                                                                                       | High                          |
| Conduct Steep<br>Turns                               |                                    |                                                                                                                       | High                          |
| Conduct Steep<br>Turns                               |                                    |                                                                                                                       | High                          |
| Conduct Steep<br>Turns                               |                                    |                                                                                                                       | High                          |
| Conduct Steep<br>Turns                               |                                    |                                                                                                                       | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                    |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Steep<br>Turns                       | Can maintain the<br>manufacturer's recommended<br>airspeed; or if one is not<br>available, an airspeed not to<br>exceed VA         |                                 | High                          |
| Conduct Steep<br>Turns                       | Can maintain at least a 45°<br>bank solely by reference to<br>instruments and make a<br>coordinated steep turn of at<br>least 180° |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                           |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Steep Turns                          | Can perform reversal of direction and establish at least a 45° bank solely by reference to instruments and make a coordinated steep turn of at least 180° |                                 | High                          |
| Conduct Steep Turns                          | Can perform smooth pitch, bank, and power adjustments as needed                                                                                           |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                     |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                  | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Steep Turns                          | Can maintain the entry altitude $\pm 100$ feet, airspeed $\pm 10$ knots, bank $\pm 5^\circ$ , and roll out on the specified heading, $\pm 10^\circ$ |                                 | High                          |
| Conduct Steep Turns                          | Can maintain avoidance of any indications of impending stall, abnormal flight attitude, or exceedance of any structural or operating limitation     |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                     |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Steep<br>Turns                       |                                    | Can identify, assess, and<br>manage risks,<br>encompassing spatial<br>disorientation when<br>conducting a steep turn<br>while flying by reference<br>to instruments | High                          |
| Conduct Steep<br>Turns                       |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>maintain coordinated<br>flight                                                             | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Steep<br>Turns                       |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management | High                          |
| Conduct Taxi                                 |                                    |                                                                                                                                              | High                          |
| Conduct Taxi                                 |                                    |                                                                                                                                              | High                          |
| Conduct Taxi                                 |                                    |                                                                                                                                              | High                          |
| Conduct Taxi                                 |                                    |                                                                                                                                              | High                          |
| Conduct Taxi                                 |                                    |                                                                                                                                              | High                          |
| Conduct Taxi                                 |                                    |                                                                                                                                              | High                          |
| Conduct Taxi                                 |                                    |                                                                                                                                              | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                          |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can record taxi instructions, respond to taxi clearances, and review taxi routes on the airport diagram. |                                 | High                          |
| Conduct Taxi                                 | Can use an airport diagram or taxi chart during taxi                                                     |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                 |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can comply with ATC clearances and instructions and observe all runway hold lines, ILS critical areas, beacons, and other airport/taxiway markings and lighting |                                 | High                          |
| Conduct Taxi                                 | Can coordinate with crew, if applicable, and complete the appropriate checklist(s) prior to and during taxi                                                     |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                      |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can maintain situational awareness during taxi                                                                       |                                 | High                          |
| Conduct Taxi                                 | Can maintain correct and positive airplane control, proper speed, appropriate use of wheel brakes and reverse thrust |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                               |                                                                                                |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                            | ATTITUDE LEARNING<br>OBJECTIVES                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can maintain separation between other aircraft, vehicles, and persons to avoid an incursion/incident/accident |                                                                                                | High                          |
| Conduct Taxi                                 | Can use aircraft exterior lighting for day and night operations                                               |                                                                                                | High                          |
| Conduct Taxi                                 |                                                                                                               | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                       |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions | High                          |
| Conduct Taxi                                 |                                    | Can identify, assess, and manage risks, encompassing a taxi route or departure runway change                          | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                       |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can identify, assess, and manage risks, encompassing failure to complete checklist(s) | High                          |
| Conduct Taxi                                 |                                    | Can identify, assess, and manage risks, encompassing low visibility taxi operations   | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Low visibility taxi and ground operations should be trained to the extent practical and beneficial. Such training should address operations at typical airports or alternately, at airports frequently experiencing low-visibility conditions, complex airports on the operator's route system, airports with particular low visibility ground movement difficulties, or rarely used but significant contingency airports, as determined appropriate by the operator. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                     |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                  | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | perform either PF or PM duties, unless otherwise limited by the operator's policies or aircraft characteristics (e.g., single HUD). |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                                                                                             |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can apply use of the airport diagram after receiving a clearance, and confirms and verbalizes the assigned runway and taxi route, including any instructions to hold short of, or cross, a runway. If there is any doubt, speaks up and resolve the uncertainty before taxi |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                   |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can use airport diagram to follow progress of the taxi operation                                                                                                                  |                                 | High                          |
| Conduct Taxi                                 | Can execute bringing the aircraft to a complete stop, or be in a phase of taxiing that has no risk of a runway incursion before continuing with operational duties and checklists |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                       |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can execute turning on the rotating beacon whenever an engine is running                                                                              |                                 | High                          |
| Conduct Taxi                                 | Can execute turning on navigation, position, anti-collision, and logo lights, if available, to signal intent to other pilots prior to commencing taxi |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                                                                                                                                                                                             |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can execute turning on the taxi light when the aircraft is moving or intending to move on the ground, and turning it off when stopped or yielding or as a consideration to other pilots or ground personnel |                                 | High                          |
| Conduct Taxi                                 | Can execute illuminating all lights when crossing a runway when appropriate                                                                                                                                 |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                                                                                                                   |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can conduct a briefing on the timing and execution of aircraft checklists and company communications at the appropriate times and locations, ensuring the pilot who is not taxiing the aircraft can be available to participate in verbal coordination with the pilot who is taxiing the aircraft | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                                             |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can consider the anticipated duration of the taxi operation, the locations of hot spots/complex intersections and runway crossings, and the visibility along the taxi route when briefing tasks or accomplishing checklists | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                                                                                    |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can manage pilot workload and heads-down time during taxi by conducting predeparture checklists, including setting the takeoff flap setting, when the aircraft is stopped or while taxiing straight ahead on a taxiway without complex intersections and hot spots | High                          |
| Conduct Taxi                                 |                                    | Can maintain a sterile cockpit during taxi operations                                                                                                                                                                                                              | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                          |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can manage the risk of expectation bias, and follow the clearance or instructions that are actually received, and not the ones they expected to receive. | High                          |
| Conduct Taxi                                 |                                    | Can be alert to ATC instructions to hold short of an ILS critical area holding line.                                                                     | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                  |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can monitor the aircraft's progress on the airport diagram to ensure that the pilot taxiing the aircraft is following the instructions received from the ATC while maintaining outside vigilance | High                          |
| Conduct Taxi                                 |                                    | Can respond to all hold short instructions, and verifies with other crew members or ATC to ensure agreement and understanding                                                                    | High                          |
| Conduct Taxi                                 |                                    | Can comply with hold short or crossing clearance when approaching an entrance to a runway.                                                                                                       | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can explain or demonstrate proper actions if the crew becomes disoriented: never stop on a runway, and initiate communications with ATC to regain orientation. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                                                                                   |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | <p>Can demonstrate vigilance when instructed to taxi and “Line Up and Wait”.</p> <p>Turns Traffic Alert and Collision Avoidance System (TCAS)/traffic advisory systems (TAS) on in order obtain awareness of any aircraft that may be landing on your runway.</p> | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                             |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can determine whether or not to accept last-minute turnoff instructions from ATC, refusing such clearance unless the crew clearly understands the instructions and are certain that they can safely comply. | High                          |
| Conduct Taxi                                 |                                    | Can resolve all misunderstandings or disagreements regarding taxi clearance to the satisfaction of all flightcrew members before taxiing the aircraft.                                                      | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                                                                                                                       |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can coordinate with other flightcrew member(s) if stopping and resuming the monitoring of the ATC frequency, for example when it becomes necessary for a flightcrew member to stop monitoring any ATC frequency to prepare the aircraft for takeoff or landing.                                       | High                          |
| Conduct Taxi                                 |                                    | Can assess any upcoming hold short instructions or clearances that could be misinterpreted prior to stopping and after resuming monitoring of the taxi. An example may include: "I'm heads-down, right turn ahead at Alpha," or "I'm back, any changes?"                                              | High                          |
| Conduct Taxi                                 |                                    | Can appreciate that time away from monitoring ATC should be avoided with complex taxi routing or crossing of runways. Any instructions or information received or transmitted during that flightcrew member's absence from the ATC frequency should be reviewed and confirmed upon his or her return. | High                          |
| Conduct Taxi                                 |                                    | Can coordinate verbally at complex intersections to be sure that: the intersection is correctly identified and confirmed using the airport diagram and the heading indicator                                                                                                                          | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 1 |                                    |                                                                                                                                                                                                                                                                                                                                |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can state “approaching (specific runway number) hold short line. Before crossing any hold short line, the flightcrew should visually scan to the left and to the right, including the full length of the runway and its approach paths, and coordinate verbally (e.g., “clear right/left” or that the scan area is not clear). | High                          |
| Conduct Taxi                                 |                                    | Can coordinate verbally and agree on the runway assigned by ATC, the upcoming assigned exit, and any restrictions, such as hold short points of an intersecting runway and the aircraft’s parking area after landing                                                                                                           | High                          |
| Conduct Taxi                                 |                                    | Can consider any adverse effects to safety that illuminating the forward-facing lights will have on the vision of other pilots or ground personnel during runway crossings, and adjust operation accordingly                                                                                                                   | High                          |
| Conduct Taxi                                 |                                    |                                                                                                                                                                                                                                                                                                                                | High                          |

## 7.2 Course 2 – SIM 2 Learning Objectives

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                          |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling<br>Approach                 |                                                                                                                                                          |                                 | High                          |
| Conduct Circling<br>Approach                 | Can comply with the circling approach procedure considering turbulence, windshear, and the maneuvering capability and approach category of the aircraft. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                               |                                 |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling<br>Approach                 | Can confirm the direction of<br>traffic and adhere to all<br>restrictions and instructions<br>issued by ATC . |                                 | High                          |
| Conduct Circling<br>Approach                 | Can perform establishing the<br>correct approach and landing<br>configuration                                 |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                             | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling Approach                    | Can maintain a stabilized approach and a descent rate that ensures arrival at the MDA, or the preselected circling altitude above the MDA, prior to the missed approach point. |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                           |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling<br>Approach                 | Can maintain airspeed $\pm 5$ knots, desired heading/track $\pm 5^\circ$ , and altitude $+100/-0$ feet until descending below the MDA or the preselected circling altitude above the MDA. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                          |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling<br>Approach                 | Can perform visually<br>maneuvering to a base or<br>downwind leg appropriate for<br>the landing runway and<br>environmental conditions.                  |                                 | High                          |
| Conduct Circling<br>Approach                 | Can perform a turn in the<br>appropriate direction using the<br>correct procedure and execute<br>configuring the airplane if a<br>missed approach occurs |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                          |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling<br>Approach                 |                                    | Can identify, assess, and manage risks, encompassing failure to follow prescribed circling approach procedures.          | High                          |
| Conduct Circling<br>Approach                 |                                    | Can identify, assess, and manage risks, encompassing executing a circling approach at night or with marginal visibility. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                     |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling<br>Approach                 |                                    | Can identify, assess, and<br>manage risks,<br>encompassing losing<br>visual contact with an<br>identifiable part of the<br>airport. | High                          |
| Conduct Circling<br>Approach                 |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>manage automated<br>navigation and auto flight<br>systems. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling<br>Approach                 |                                    | Can identify, assess, and manage risks, encompassing failure to maintain an appropriate altitude or airspeed while circling. | High                          |
| Conduct Circling<br>Approach                 |                                    | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2         |                                    |                                                                                                                                         |                               |
|------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct Circling<br>Approach                         |                                    | Can identify, assess, and<br>manage risks,<br>encompassing executing<br>an improper missed<br>approach after the MAP<br>while circling. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Decompression |                                    |                                                                                                                                         | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Decompression |                                    |                                                                                                                                         | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2         |                                                                                               |                                                                                                                                        |                               |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                | MOTOR SKILL<br>LEARNING OBJECTIVES                                                            | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Decompression | Can perform communication<br>with ATC and the evaluator, as<br>appropriate for the situation. |                                                                                                                                        | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Decompression |                                                                                               | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>follow proper procedures<br>or checklists in an<br>emergency. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2         |                                    |                                                                                                                                                    |                               |
|------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Decompression |                                    | Can identify, assess, and<br>manage risks,<br>encompassing multiple<br>failures or system<br>abnormalities.                                        | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Decompression |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>consider altitude, wind,<br>terrain, and obstructions in<br>an emergency. | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                    |                                                                                            |                                                                                                                                               |                               |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                         | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Decompression            |                                                                                            | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>EGPWS escape<br>maneuver | Can coordinate with crew and<br>execute the appropriate<br>checklist(s) in a timely manner |                                                                                                                                               | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                    |                                                                            |                                                                                                                                        |                               |
|-----------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                         | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>EGPWS escape<br>maneuver | Can perform communication<br>with ATC as appropriate for<br>the situation. |                                                                                                                                        | High                          |
| Conduct<br>Emergency<br>Procedure -<br>EGPWS escape<br>maneuver |                                                                            | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>follow proper procedures<br>or checklists in an<br>emergency. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                    |                                    |                                                                                                                                                    |                               |
|-----------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>EGPWS escape<br>maneuver |                                    | Can identify, assess, and<br>manage risks,<br>encompassing multiple<br>failures or system<br>abnormalities.                                        | High                          |
| Conduct<br>Emergency<br>Procedure -<br>EGPWS escape<br>maneuver |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>consider altitude, wind,<br>terrain, and obstructions in<br>an emergency. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                    |                                    |                                                                                                                                               |                               |
|-----------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>EGPWS escape<br>maneuver |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>Descent     |                                    |                                                                                                                                               | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>Descent     |                                    |                                                                                                                                               | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                |                                                                                               |                                 |                               |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>Descent | Can coordinate with crew and<br>execute the appropriate<br>checklist(s) in a timely manner    |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>Descent | Can perform communication<br>with ATC and the evaluator, as<br>appropriate for the situation. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                |                                    |                                                                                                                                        |                               |
|-------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>Descent |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>follow proper procedures<br>or checklists in an<br>emergency. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>Descent |                                    | Can identify, assess, and<br>manage risks,<br>encompassing multiple<br>failures or system<br>abnormalities.                            | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                |                                    |                                                                                                                                                    |                               |
|-------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>Descent |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>consider altitude, wind,<br>terrain, and obstructions in<br>an emergency. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>Descent |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management.      | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                                            |                                    |                                                                                                                                                                 |                               |
|-----------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                   | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Inflight<br>Powerplant<br>Failure and<br>Restart |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>plan for a powerplant<br>failure during flight.                                        | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Inflight<br>Powerplant<br>Failure and<br>Restart |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>follow checklist<br>procedures for a<br>powerplant failure or a<br>powerplant restart. | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                                            |                                    |                                                                                                                                                                                     |                               |
|-----------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                   | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Inflight<br>Powerplant<br>Failure and<br>Restart |                                    | Can identify, assess, and<br>manage risks,<br>encompassing incorrect<br>diagnosis of the cause of<br>the powerplant failure.                                                        | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Inflight<br>Powerplant<br>Failure and<br>Restart |                                    | Can identify, assess, and<br>manage risks,<br>encompassing collision<br>hazards, to include<br>aircraft, terrain, obstacles,<br>wires, vehicles, vessels,<br>persons, and wildlife. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                                            |                                    |                                                                                                                                                                                                          |                               |
|-----------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                   | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Inflight<br>Powerplant<br>Failure and<br>Restart |                                    | Can identify, assess, and<br>manage risks,<br>encompassing improper<br>airplane configuration.                                                                                                           | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Inflight<br>Powerplant<br>Failure and<br>Restart |                                    | Can identify, assess, and<br>manage risks,<br>encompassing factors and<br>situations that could lead<br>to an inadvertent stall,<br>spin, and loss of control<br>with an inflight<br>powerplant failure. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                                              |                                                                   |                                                                                                                                               |                               |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                     | MOTOR SKILL<br>LEARNING OBJECTIVES                                | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Inflight<br>Powerplant<br>Failure and<br>Restart   |                                                                   | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Windshear escape<br>during approach<br>and landing | Can perform the aircraft<br>specific windshear escape<br>maneuver |                                                                                                                                               | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                               |                                                                   |                                 |                               |
|----------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                      | MOTOR SKILL<br>LEARNING OBJECTIVES                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Windshear escape<br>during take off | Can perform the aircraft<br>specific windshear escape<br>maneuver |                                 | High                          |
| Conduct Go-<br>Around/Rejected<br>Landing                                  |                                                                   |                                 | High                          |
| Conduct Go-<br>Around/Rejected<br>Landing                                  |                                                                   |                                 | High                          |
| Conduct Go-<br>Around/Rejected<br>Landing                                  |                                                                   |                                 | High                          |
| Conduct Go-<br>Around/Rejected<br>Landing                                  |                                                                   |                                 | High                          |
| Conduct Go-<br>Around/Rejected<br>Landing                                  |                                                                   |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                              |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           | Can initiate a timely decision to go-around/reject the landing.                                                                              |                                 | High                          |
| Conduct Go-Around/Rejected Landing           | Can apply the appropriate power setting for the flight condition and establish a pitch attitude necessary to obtain the desired performance. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                        |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           | Can perform establishing a positive rate of climb and the appropriate airspeed/V-speed, $\pm 5$ knots. |                                 | High                          |
| Conduct Go-Around/Rejected Landing           | Can execute configuration and trimming of the airplane, when appropriate.                              |                                 | High                          |
| Conduct Go-Around/Rejected Landing           | Can perform radio calls as appropriate                                                                 |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                            |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                         | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           | Can maintain the ground track, heading, or course appropriate for the conditions, or as specified by ATC . |                                 | High                          |
| Conduct Go-Around/Rejected Landing           | Can execute the appropriate procedures and checklist(s) in a timely manner.                                |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                        |                               |
|----------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           |                                    | Can identify, assess, and manage risks, encompassing delayed recognition of the need for a go-around/rejected landing. | High                          |
| Conduct Go-Around/Rejected Landing           |                                    | Can identify, assess, and manage risks, encompassing delayed performance of a go-around at low altitude.               | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                       |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           |                                    | Can identify, assess, and manage risks, encompassing improper application of power.   | High                          |
| Conduct Go-Around/Rejected Landing           |                                    | Can identify, assess, and manage risks, encompassing improper airplane configuration. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                 |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           |                                    | Can identify, assess, and manage risks, encompassing collision hazards, to include aircraft, terrain, obstacles, wires vessels, vessels, persons, and wildlife. | High                          |
| Conduct Go-Around/Rejected Landing           |                                    | Can identify, assess, and manage risks, encompassing low altitude maneuvering including stall, spin, or CFIT.                                                   | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           |                                    | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                               |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           |                                    | Can identify, assess, and manage risks, encompassing managing a go-around/rejected landing after accepting a LAHSO clearance. | High                          |
| Conduct Go-Around/Rejected Landing           |                                    |                                                                                                                               | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                                                                                                  |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Go-Around/Rejected Landing           | Can describe, perform airborne system use for go-around, including consideration of height loss during transition to a go-around, performance assurance for obstacle clearance, management of any necessary mode changes, and assurance of appropriate vertical and lateral flightpath tracking. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                      |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                              | Can identify instrument navigation aids associated with the assigned hold.                                           |                                 | High                          |
| Conduct Holding                              | Can apply the appropriate entry procedure for a standard, nonstandard, published, or non- published holding pattern. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                    |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                              | Can change to the appropriate holding airspeed for the airplane and holding altitude to cross the holding fix at or below maximum holding airspeed |                                 | High                          |
| Conduct Holding                              | Can comply with the holding pattern leg length and other restrictions, if applicable, associated with the holding pattern.                         |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                              | Can comply with ATC reporting requirements.                                                                                                    |                                 | High                          |
| Conduct Holding                              | Can use proper wind correction procedures to maintain the desired pattern and to arrive over the fix as close as possible to a specified time. |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                          |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                              | Can maintain the airspeed $\pm 10$ knots, altitude $\pm 100$ feet, headings $\pm 10^\circ$ , and accurately track a selected course, radial, or bearing. |                                 | High                          |
| Conduct Holding                              | Can use automation to include autopilot, flight director controls, and navigation displays associated with the assigned hold.                            |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                             |                                                                                                                         |                               |
|----------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                          | ATTITUDE LEARNING<br>OBJECTIVES                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                              | Can calculate fuel reserve calculations based on EFC times. |                                                                                                                         | High                          |
| Conduct Holding                              |                                                             | Can identify, assess, and manage risks, encompassing recalculating fuel reserves if assigned an unanticipated EFC time. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                         |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                              |                                    | Can identify, assess, and manage risks, encompassing scenarios and circumstances that could result in minimum fuel or the need to declare an emergency. | High                          |
| Conduct Holding                              |                                    | Can describe scenarios that could lead to holding, including deteriorating weather at the planned destination.                                          | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                         |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                              |                                    | Can identify, assess, and manage risks, encompassing improper holding entry and improper wind correction while holding. | High                          |
| Conduct Holding                              |                                    | Can identify, assess, and manage risks, encompassing holding while in icing conditions.                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                       |                                                                                      |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                    | ATTITUDE LEARNING<br>OBJECTIVES                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Holding                              |                                                                                                       | Can identify, assess, and manage risks, encompassing improper automation management. | High                          |
| Conduct Instrument Takeoff                   |                                                                                                       |                                                                                      | High                          |
| Conduct Instrument Takeoff                   | Can coordinate with crew and execute the appropriate checklist(s) prior to takeoff in a timely manner |                                                                                      | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                       |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | Can execute setting of the applicable avionics and flight instruments prior to initiating the takeoff |                                 | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can perform radio calls as appropriate                                                                |                                 | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can verify assigned/correct runway                                                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                 |                                 |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | Can perform clearing the arrival area and execute taxiing into takeoff position and align the airplane on the runway centerline |                                 | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can maintain centerline and proper flight control inputs during the takeoff roll                                                |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                    |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | can confirm takeoff power and proper engine and flight instrument indications prior to rotation making callouts, as appropriate, for the airplane or per the operator's procedures |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | Can rotate and lift off at the recommended airspeed, establish the desired pitch attitude, and accelerate to the desired airspeed/ V-speed.    |                                 | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can execute a smooth transition from visual meteorological conditions (VMC) to actual or simulated instrument meteorological conditions (IMC). |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                       |                                 |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | Can maintain desired heading<br>$\pm 5^\circ$ and desired airspeeds $\pm 5$<br>knots. |                                 | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can comply with ATC<br>clearances and instructions<br>issued by ATC , as appropriate  |                                 | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can execute appropriate after-<br>takeoff checklist(s) in a timely<br>manner          |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                      |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing selection of a runway based on aircraft performance and limitations, available distance, surface conditions, lighting, and wind | High                          |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing wake turbulence                                                                                                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                   |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and<br>manage risks,<br>encompassing abnormal<br>operations, to include<br>planning for rejected<br>takeoff | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                                               |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for Engine failure in takeoff phase of flight with the ceiling or visibility below the minimums for an instrument approach at departure airport | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                                             |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for Engine failure in climb phase of flight with the ceiling or visibility below the minimums for an instrument approach at departure airport | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                               |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                           |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for low altitude maneuvering including stall, spin, or CFIT | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                             |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for distractions, loss of situational awareness, or improper task management. | High                          |
| Conduct<br>Instrument<br>Takeoff             |                                    |                                                                                                                                                                             | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                                                                  |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | Can perform applicable procedures during takeoff to address the transition from visual flight to instrument flight for both the pilot flying (PF) and pilot monitoring (PM), to include the use and limitations of any flight guidance or visual systems in use. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |
|----------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                      | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                                         | Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting. | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can execute normal takeoff at lowest applicable minima; |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                      |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument Takeoff                   | Can perform takeoff with failure of the flight guidance device or ground-based guidance system, at a critical point of the takeoff, unless these systems have failure characteristics that are extremely improbable. |                                 | High                          |
| Conduct Landing From a Circling Approach     |                                                                                                                                                                                                                      |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                                                                                                                                                                                                             |                                 |                               |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Circling<br>Approach |                                                                                                                                                                                                                             |                                 | High                          |
| Conduct Landing<br>From a Circling<br>Approach | Can maintain the airport<br>environment in sight and<br>remain within the circling<br>approach radius applicable to<br>the approach category to a<br>position from which a<br>stabilized descent to landing<br>can be made. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                                                                                                                                                          |                                 |                               |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Circling<br>Approach | Can comply with all ATC<br>advisories, such as NOTAMs,<br>windshear, wake turbulence,<br>runway surface, braking<br>conditions, and other<br>operational considerations. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                                                                                                                                                                                                             |                                 |                               |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Circling<br>Approach | Can perform alignment of the airplane for a normal landing on the selected runway without excessive maneuvering and without exceeding the normal operating limits of the airplane. The angle of bank should not exceed 30°. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                                                                                                                                                                                                                                                 |                                 |                               |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Circling<br>Approach | Can perform smooth, timely,<br>and correct control application<br>throughout the circling<br>maneuver and maintain<br>appropriate airspeed, $\pm 5$ knots.<br>If applicable, maintain altitude<br>$+100/-0$ feet, and desired<br>heading/track, $\pm 5^\circ$ . |                                 | High                          |
| Conduct Landing<br>From a Circling<br>Approach | Can confirm the airplane is<br>configured for landing.                                                                                                                                                                                                          |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                                                                   |                                 |                               |
|------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Circling<br>Approach | Can scan the landing runway<br>and adjoining area for traffic<br>and obstructions |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                                                                                                                                                                                                           |                                 |                               |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Circling<br>Approach | Can execute touch down at the appropriate speed and pitch attitude at the runway aiming point markings, -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                                                                                                                  |                                 |                               |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Circling<br>Approach | Can maintain positive aircraft control throughout the landing using drag and braking devices, as appropriate, to come to a stop. |                                 | High                          |
| Conduct Landing<br>From a Circling<br>Approach | Can demonstrate SRM or CRM, as appropriate.                                                                                      |                                 | High                          |
| Conduct Landing<br>From a Circling<br>Approach | Can apply runway incursion avoidance procedures.                                                                                 |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                    |                                                                                                |                               |
|------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Circling<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing landing<br>from a circling approach | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                    |                                                                                                                                                                                                       |                               |
|------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Circling<br>Approach |                                    | Can identify, assess, and manage risks, encompassing selection of an approach procedure and runway based on pilot capability, aircraft limitations, available distance, surface conditions, and wind. | High                          |
| Conduct Landing<br>From a Circling<br>Approach |                                    | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                                                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                    |                                                                                                                      |                               |
|------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Circling<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>missed approach                           | High                          |
| Conduct Landing<br>From a Circling<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>land and hold short<br>operations (LAHSO) | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                    |                                                                                                                                                      |                               |
|------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Circling<br>Approach |                                    | Can identify, assess, and manage risks, collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife. | High                          |
| Conduct Landing<br>From a Circling<br>Approach |                                    | Can identify, assess, and manage risks, encompassing planning for low altitude maneuvering including stall, spin, or CFIT.                           | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                    |                                                                                                                                             |                               |
|------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Circling<br>Approach |                                    | Can identify, assess, and manage risks, encompassing planning for distractions, loss of situational awareness, or improper task management. | High                          |
| Conduct Landing<br>From a Circling<br>Approach |                                    | Can identify, assess, and manage risks, encompassing planning for attempting to land from an unstable approach.                             | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                |                                    |                                 |                               |
|-------------------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                    |                                 | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                    |                                 | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                    |                                 | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can recognize the malfunction.     |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                |                                                                                                                           |                                 |                               |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can coordinate with crew, if applicable, and complete applicable checklist(s) for the malfunction, approach, and landing. |                                 | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can coordinate with ATC as needed and select an airport/runway with sufficient length for landing.                        |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                |                                                                                                                                                                              |                                 |                               |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can calculate the correct airspeeds/V-speeds for approach and landing.                                                                                                       |                                 | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can perform establishing the recommended approach and landing configuration and airspeed, and adjust pitch attitude and power as required to maintain a stabilized approach. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                |                                                                                                  |                                 |                               |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can select a suitable touchdown point considering wind, landing surface, and obstructions.       |                                 | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can perform smooth, timely, and correct control application before, during, and after touchdown. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                |                                                                                                                                                                                                                           |                                 |                               |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can execute touch down at the appropriate speed and pitch attitude at the runway aiming point markings, -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                |                                                                                                                                  |                                 |                               |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can maintain positive aircraft control throughout the landing using drag and braking devices, as appropriate, to come to a stop. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                         |                                    |                                                                                                                                                                                                 |                               |
|----------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>from a No Flap or<br>Nonstandard Flap<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing hazards<br>associated with a no flap<br>or nonstandard flap<br>approach and landing to<br>include an asymmetrical<br>flap situation. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                |                                    |                                                                                                                                                                               |                               |
|-------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                    | Can identify, assess, and manage risks, encompassing selection of a runway based on pilot capability, aircraft limitations, available distance, surface conditions, and wind. | High                          |
| Conduct Landing from a No Flap or Nonstandard Flap Approach |                                    | Can identify, assess, and manage risks, encompassing wake turbulence.                                                                                                         | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                         |                                    |                                                                                                                                                                                     |                               |
|----------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>from a No Flap or<br>Nonstandard Flap<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing go-<br>around/rejected landing.                                                                                          | High                          |
| Conduct Landing<br>from a No Flap or<br>Nonstandard Flap<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing collision<br>hazards, to include<br>aircraft, terrain, obstacles,<br>wires, vehicles, vessels,<br>persons, and wildlife. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                         |                                    |                                                                                                                                               |                               |
|----------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>from a No Flap or<br>Nonstandard Flap<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing low altitude<br>maneuvering including<br>stall, spin, or CFIT.                     | High                          |
| Conduct Landing<br>from a No Flap or<br>Nonstandard Flap<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                 |                               |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                       | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing from a No Flap or Nonstandard Flap Approach | Can perform non-normal configuration approaches and landings in instrument conditions. For these approaches, the simulated weather minima may be above, or well above, the lowest minima authorized. Minima should be at levels that might typically be experienced in line operations for a landing with the non-normal condition used. During these approaches, representative autoflight, instrument, and aircraft system configurations or combinations of configurations should be demonstrated (e.g., F/D, autopilot, HUD, vision systems, autothrottles, raw data, and inoperative electrical or hydraulic components). |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                 |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      |                                    | Can identify, assess, and manage risks, encompassing failure to follow prescribed procedures.                   | High                          |
| Conduct Missed Approach                      |                                    | Can identify, assess, and manage risks, encompassing holding, diverting, or electing to fly the approach again. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      |                                    | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                           |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach                   |                                    | Can identify, assess, and<br>manage risks,<br>encompassing factors that<br>might lead to executing a<br>missed approach<br>procedure before the MAP<br>or to a go-around below<br>DA/MDA. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                           |                                                                                                                      |                               |
|----------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                        | ATTITUDE LEARNING<br>OBJECTIVES                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      |                                                           | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems. | High                          |
| Conduct Missed Approach                      | Can execute a missed approach from the MDA, DA/DH, or AH. |                                                                                                                      | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                   |                                                                                                                                           |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach                      | Can execute a missed approach from a low altitude that could result in a touchdown during go-around (balked or rejected landing). |                                                                                                                                           | High                          |
| Conduct Nonprecision Approach                |                                                                                                                                   | Can identify, assess, and manage risks, encompassing Failure to follow the correct approach procedure (e.g., descending too early, etc.). | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                      |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and manage risks, encompassing Selecting an incorrect navigation frequency.                    | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and manage risks, encompassing Failure to manage automated navigation and auto flight systems. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and manage risks, encompassing Failure to ensure proper airplane configuration during an approach and missed approach. | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and manage risks, encompassing An unstable approach, including excessive descent rates.                                | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and<br>manage risks,<br>encompassing<br>Deteriorating weather<br>conditions on approach. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                |                               |
|----------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and manage risks, encompassing Operating below the minimum descent altitude (MDA) or continuing a descent below decision altitude (DA) without proper visual references. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                 |                               |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                         | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A | <p>Can execute Scenario-Based Training (SBT). The goal of SBT is to develop decision-making skills relating to stall prevention and recovery during Line-Oriented Flight Training (LOFT). Emphasis should be placed on preventing conditions that may lead to a stall event. SBT would normally be used after a pilot demonstrates proficiency in maneuver-based training and during advanced stages of training, such as upgrade training and recurrent training.</p> <p>(1) Scenarios. When possible, scenarios should include accident, incident, ASAP, FOQA, and/or ASRS data to provide realistic opportunities to see how threat situations may develop and how they should be managed during line operations. Sample SBT lesson plans are provided in Appendix 3.</p> <p>(2) Briefing. Pilots should not normally be briefed that they are receiving SBT. The concept is line-oriented flying, which allows the pilots to recognize and manage the expected or unexpected stall threats as they develop during normal operations. However, situations may arise where pilots exhibit excellent stall prevention skills and initiate a recovery prior to the</p> |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                                                                                                                                                                                                              |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
|                                              | complete<br>unfolding of a scenario. That is<br>the desired objective. In those<br>instances, the instructor has<br>the<br>discretion whether to repeat<br>the scenario and then showing<br>and discussing how the many<br>cues<br>typically cascade as the event<br>progresses. Such explanations<br>can reinforce a pilot's<br>knowledge<br>and allow sharpening of<br>awareness and prevention<br>skills. |                                 |                               |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |                               |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                         | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A | <p>Can appreciate USING SURPRISE IN TRAINING. Surprise has been a factor in stall incidents and accidents. Although it may be difficult to create surprise in the training environment, if achieved, surprise events may provide a powerful lesson for the crew. The goal of using surprise in training is to provide the crew with a surprise experience to reinforce timely application of the effective recovery technique under potentially confusing circumstances. Considerable care should be used in surprise training to avoid a negative learning experience. Surprise should not be used during checking. Stall prevention training should incorporate event conditions and variables typical of an unintentional stall that are likely to result in surprise due to the unexpected stall development, presentation, and behavior.</p> |                                 | High                          |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                  |                                                                                                                       |                                 |                               |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                         | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A | Can conduct an impending stall recovery with only idle thrust available. See Appendix 2, Demonstration 1 for details. |                                 | High                          |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A | Can conduct a clean configuration stall prevention (high altitude) scenario. See Appendix 3, Scenario 1 for details.  |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2                  |                                                                                                        |                                 |                               |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                         | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A | Can conduct a takeoff configuration stall prevention scenario. See Appendix 3, Scenario 2 for details. |                                 | High                          |
| Conduct Stall Prevention and Recovery Scenario per AC120-109A | Can conduct a landing configuration stall prevention scenario. See Appendix 3, Scenario 3 for details. |                                 | High                          |
| Conduct Taxi                                                  |                                                                                                        |                                 | High                          |
| Conduct Taxi                                                  |                                                                                                        |                                 | High                          |
| Conduct Taxi                                                  |                                                                                                        |                                 | High                          |
| Conduct Taxi                                                  |                                                                                                        |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                          |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                                                                                          |                                 | High                          |
| Conduct Taxi                                 |                                                                                                          |                                 | High                          |
| Conduct Taxi                                 |                                                                                                          |                                 | High                          |
| Conduct Taxi                                 |                                                                                                          |                                 | High                          |
| Conduct Taxi                                 | Can record taxi instructions, respond to taxi clearances, and review taxi routes on the airport diagram. |                                 | High                          |
| Conduct Taxi                                 | Can use an airport diagram or taxi chart during taxi                                                     |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                 |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can comply with ATC clearances and instructions and observe all runway hold lines, ILS critical areas, beacons, and other airport/taxiway markings and lighting |                                 | High                          |
| Conduct Taxi                                 | Can coordinate with crew, if applicable, and complete the appropriate checklist(s) prior to and during taxi                                                     |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                      |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can maintain situational awareness during taxi                                                                       |                                 | High                          |
| Conduct Taxi                                 | Can maintain correct and positive airplane control, proper speed, appropriate use of wheel brakes and reverse thrust |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                               |                                                                                                |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                            | ATTITUDE LEARNING<br>OBJECTIVES                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can maintain separation between other aircraft, vehicles, and persons to avoid an incursion/incident/accident |                                                                                                | High                          |
| Conduct Taxi                                 | Can use aircraft exterior lighting for day and night operations                                               |                                                                                                | High                          |
| Conduct Taxi                                 |                                                                                                               | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                       |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions | High                          |
| Conduct Taxi                                 |                                    | Can identify, assess, and manage risks, encompassing a taxi route or departure runway change                          | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                       |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can identify, assess, and manage risks, encompassing failure to complete checklist(s) | High                          |
| Conduct Taxi                                 |                                    | Can identify, assess, and manage risks, encompassing low visibility taxi operations   | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Low visibility taxi and ground operations should be trained to the extent practical and beneficial. Such training should address operations at typical airports or alternately, at airports frequently experiencing low-visibility conditions, complex airports on the operator's route system, airports with particular low visibility ground movement difficulties, or rarely used but significant contingency airports, as determined appropriate by the operator. |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                     |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                  | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | perform either PF or PM duties, unless otherwise limited by the operator's policies or aircraft characteristics (e.g., single HUD). |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                                                                             |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can apply use of the airport diagram after receiving a clearance, and confirms and verbalizes the assigned runway and taxi route, including any instructions to hold short of, or cross, a runway. If there is any doubt, speaks up and resolve the uncertainty before taxi |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                 | High                          |
| Conduct Taxi                                 | Can use airport diagram to follow progress of the taxi operation                                                                                                                                                                                                            |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                   |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can execute bringing the aircraft to a complete stop, or be in a phase of taxiing that has no risk of a runway incursion before continuing with operational duties and checklists |                                 | High                          |
| Conduct Taxi                                 | Can execute turning on the rotating beacon whenever an engine is running                                                                                                          |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                       |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can execute turning on navigation, position, anti-collision, and logo lights, if available, to signal intent to other pilots prior to commencing taxi |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                             |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can execute turning on the taxi light when the aircraft is moving or intending to move on the ground, and turning it off when stopped or yielding or as a consideration to other pilots or ground personnel |                                 | High                          |
| Conduct Taxi                                 | Can execute illuminating all lights when crossing a runway when appropriate                                                                                                                                 |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                                                                                                   |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can conduct a briefing on the timing and execution of aircraft checklists and company communications at the appropriate times and locations, ensuring the pilot who is not taxiing the aircraft can be available to participate in verbal coordination with the pilot who is taxiing the aircraft | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                             |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can consider the anticipated duration of the taxi operation, the locations of hot spots/complex intersections and runway crossings, and the visibility along the taxi route when briefing tasks or accomplishing checklists | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                                                                    |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can manage pilot workload and heads-down time during taxi by conducting predeparture checklists, including setting the takeoff flap setting, when the aircraft is stopped or while taxiing straight ahead on a taxiway without complex intersections and hot spots | High                          |
| Conduct Taxi                                 |                                    | Can maintain a sterile cockpit during taxi operations                                                                                                                                                                                                              | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                          |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can manage the risk of expectation bias, and follow the clearance or instructions that are actually received, and not the ones they expected to receive. | High                          |
| Conduct Taxi                                 |                                    | Can be alert to ATC instructions to hold short of an ILS critical area holding line.                                                                     | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                  |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can monitor the aircraft's progress on the airport diagram to ensure that the pilot taxiing the aircraft is following the instructions received from the ATC while maintaining outside vigilance | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                               |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can respond to all hold short instructions, and verifies with other crew members or ATC to ensure agreement and understanding | High                          |
| Conduct Taxi                                 |                                    | Can comply with hold short or crossing clearance when approaching an entrance to a runway.                                    | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can explain or demonstrate proper actions if the crew becomes disoriented: never stop on a runway, and initiate communications with ATC to regain orientation. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                                                                   |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | <p>Can demonstrate vigilance when instructed to taxi and “Line Up and Wait”.</p> <p>Turns Traffic Alert and Collision Avoidance System (TCAS)/traffic advisory systems (TAS) on in order obtain awareness of any aircraft that may be landing on your runway.</p> | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                             |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can determine whether or not to accept last-minute turnoff instructions from ATC, refusing such clearance unless the crew clearly understands the instructions and are certain that they can safely comply. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                        |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can resolve all misunderstandings or disagreements regarding taxi clearance to the satisfaction of all flightcrew members before taxiing the aircraft. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                                                                 |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can coordinate with other flightcrew member(s) if stopping and resuming the monitoring of the ATC frequency, for example when it becomes necessary for a flightcrew member to stop monitoring any ATC frequency to prepare the aircraft for takeoff or landing. | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                                                          |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can assess any upcoming hold short instructions or clearances that could be misinterpreted prior to stopping and after resuming monitoring of the taxi. An example may include: "I'm heads-down, right turn ahead at Alpha," or "I'm back, any changes?" | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                                                                                                       |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can appreciate that time away from monitoring ATC should be avoided with complex taxi routing or crossing of runways. Any instructions or information received or transmitted during that flightcrew member's absence from the ATC frequency should be reviewed and confirmed upon his or her return. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can coordinate verbally at complex intersections to be sure that: the intersection is correctly identified and confirmed using the airport diagram and the heading indicator | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                                                                                                                                |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can state “approaching (specific runway number) hold short line. Before crossing any hold short line, the flightcrew should visually scan to the left and to the right, including the full length of the runway and its approach paths, and coordinate verbally (e.g., “clear right/left” or that the scan area is not clear). | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                      |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can coordinate verbally and agree on the runway assigned by ATC, the upcoming assigned exit, and any restrictions, such as hold short points of an intersecting runway and the aircraft's parking area after landing | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can consider any adverse effects to safety that illuminating the forward-facing lights will have on the vision of other pilots or ground personnel during runway crossings, and adjust operation accordingly | High                          |
| Conduct Taxi                                 |                                    |                                                                                                                                                                                                              | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                                                                                                                                                         |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                         | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Resolution<br>Advisory (RA)  |                                    | Can appreciate that if a decision is made to not follow an RA, no changes in the existing VS are made in a direction opposite to the sense of the displayed RA. Pilots should be aware that if the intruder is also TCAS equipped, the decision to not follow an RA may result in a decrease in separation at CPA because of the intruder's RA response | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                   |                                                                                                                     |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Resolution<br>Advisory (RA)  | Can execute a return towards<br>the original clearance when the<br>RA weakens, and when clear<br>of conflict is annunciated, pilot<br>executes a complete the return<br>to the original clearance |                                                                                                                     | High                          |
| Conduct TCAS<br>Resolution<br>Advisory (RA)  |                                                                                                                                                                                                   | Can inform the controller<br>of the RA as soon as time<br>and workload permit,<br>using the standard<br>phraseology | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                                                        |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Resolution<br>Advisory (RA)  | Can comply with an ATC clearance while responding to an RA when possible. (For example, if the aircraft can level at the assigned altitude while responding to a reduce climb or reduce descent RA, it should be done) |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                          |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Resolution<br>Advisory (RA)  |                                    | Can appreciate that If<br>pilots simultaneously<br>receive instructions to<br>maneuver from ATC and<br>an RA that are in conflict,<br>the pilot should follow the<br>RA. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                                                                                                                                                                                 |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Resolution<br>Advisory (RA)  |                                    | Can appreciate that TCAS only considers intruders that it believes to be a threat when selecting an RA. As such, it is possible for TCAS to issue an RA against one intruder that results in a maneuver towards another intruder that is not classified as a threat. If the second intruder becomes a threat, the RA will be modified to provide separation from that intruder. | High                          |
| Conduct TCAS<br>Resolution<br>Advisory (RA)  |                                    | Can appreciate the consequences of both responding to, and not responding to, an RA                                                                                                                                                                                                                                                                                             | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                 |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Traffic Advisory<br>(TA)     |                                    | Can confirm that the<br>aircraft they have visually<br>acquired is that which has<br>caused the TA to be issued | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                                            |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                         | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Traffic Advisory<br>(TA)     | Can use all information shown on the display, and interpret bearing and range of the intruder (amber circle), whether it is above or below (data tag), and its VS direction (trend arrow). |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                                                                                                                                                 |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Traffic Advisory<br>(TA)     | Can use other available<br>information is used to assist in<br>visual acquisition. This<br>includes ATC party-line<br>information, traffic flow in<br>use, etc. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                                                                                               |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Traffic Advisory<br>(TA)     |                                    | Can appreciate that the PF should not maneuver the aircraft based solely on the information shown on the TCAS display. No attempt should be made to adjust the current flightpath in anticipation of what an RA would advise. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2 |                                    |                                                                                                                                                  |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Traffic Advisory<br>(TA)     |                                    | Can appreciate the limitations of making maneuvers based solely on visual acquisition, especially at high altitude or without a definite horizon | High                          |
| Conduct TCAS<br>Traffic Advisory<br>(TA)     |                                    | Can take account of traffic advisory while preparing for a potential resolution advisory (pilot flying)                                          | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 2   |                                    |                                                                                                                                      |                               |
|------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct TCAS<br>Traffic Advisory<br>(TA)       |                                    | Can monitor traffic<br>location shown on the<br>TCAS display, using this<br>information to help<br>visually acquire the<br>intruder. | High                          |
| Conduct Visual<br>Approach (VFR<br>Procedures) |                                    |                                                                                                                                      | High                          |
| Conduct Visual<br>Approach (VFR<br>Procedures) | Can conduct a visual<br>approach.  |                                                                                                                                      | High                          |

### 7.3 Course 2 – SIM 3 Learning Objectives

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3          |                                    |                                 |                               |
|-------------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Airframe icing |                                    |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Airframe icing |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3          |                                                                                               |                                                                                                                                                    |                               |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES                                                            | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Airframe icing | Can perform communication<br>with ATC and the evaluator, as<br>appropriate for the situation. |                                                                                                                                                    | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Airframe icing |                                                                                               | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>follow proper procedures<br>or checklists in an<br>emergency.             | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Airframe icing |                                                                                               | Can identify, assess, and<br>manage risks,<br>encompassing multiple<br>failures or system<br>abnormalities.                                        | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Airframe icing |                                                                                               | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>consider altitude, wind,<br>terrain, and obstructions in<br>an emergency. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                    |                                                                                                                                               |                               |
|------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Airframe icing                                          |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure |                                    |                                                                                                                                               | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                    |                                 |                               |
|------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure |                                    |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                                                                                                                    |                                 |                               |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can recognize and correctly<br>identify powerplant failure,<br>execute memory items, and<br>maintain positive airplane<br>control. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                                                                                                                                                                                    |                                 |                               |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can coordinate with crew, if<br>applicable, and complete the<br>appropriate emergency<br>procedures and checklist(s) for<br>simulated propeller feathering<br>or simulated powerplant<br>shutdown. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                                                                                                                        |                                 |                               |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can maintain the operating powerplant(s) within acceptable operating limits.                                                           |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                                                                                                                                                                                                          |                                 |                               |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can perform communication<br>with ATC and the evaluator, as<br>appropriate for the situation.                                                                                                                            |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can maintain altitude $\pm 100$<br>feet, selected heading $\pm 5^\circ$ ,<br>airspeed $\pm 10$ knots, and<br>perform tracking of radials,<br>courses, and bearings, prior to<br>beginning the final approach<br>segment. |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                                                                                                                                                                             |                                 |                               |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can perform establishing the recommended approach and landing configuration and airspeed, $\pm 5$ knots, and adjust pitch attitude and power as required to maintain a stabilized approach. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                                                                                                        |                                 |                               |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can maintain directional<br>control and appropriate<br>crosswind correction<br>throughout the approach and<br>landing. |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can perform smooth, timely,<br>and correct control application<br>before, during, and after<br>touchdown.              |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                                                                                                                                                                                                           |                                 |                               |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can execute touch down at the appropriate speed and pitch attitude at the runway aiming point markings, -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                                                                                                                              |                                 |                               |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can maintain positive aircraft<br>control throughout the landing<br>using drag and braking<br>devices, as appropriate, to<br>come to a stop. |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can coordinate with crew and<br>execute after landing<br>checklists(s).                                                                      |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                    |                                                                                                                                                                                     |                               |
|------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>plan for a powerplant<br>failure inflight or during<br>an approach.                                        | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure |                                    | Can identify, assess, and<br>manage risks,<br>encompassing collision<br>hazards, to include<br>aircraft, terrain, obstacles,<br>wires, vehicles, vessels,<br>persons, and wildlife. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                    |                                                                                                                           |                               |
|------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure |                                    | Can identify, assess, and<br>manage risks,<br>encompassing improper<br>airplane configuration.                            | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure |                                    | Can identify, assess, and<br>manage risks,<br>encompassing low altitude<br>maneuvering including<br>stall, spin, or CFIT. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                    |                                                                                                                                               |                               |
|------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure |                                    | Can identify, assess, and<br>manage risks,<br>encompassing performing<br>a go-around/rejected<br>landing with a powerplant<br>failure.        | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                   |                                                                                               |                                 |                               |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Approach and<br>Landing with a<br>Powerplant<br>Failure | Can respond appropriately to<br>engine failure prior to or<br>during an approach.             |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>evacuation                                 |                                                                                               |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>evacuation                                 | Can perform communication<br>with ATC and the evaluator, as<br>appropriate for the situation. |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                   |                                    |                                                                                                                                        |                               |
|----------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>evacuation |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>follow proper procedures<br>or checklists in an<br>emergency. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>evacuation |                                    | Can identify, assess, and<br>manage risks,<br>encompassing multiple<br>failures or system<br>abnormalities.                            | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                   |                                    |                                                                                                                                                    |                               |
|----------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>evacuation |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>consider altitude, wind,<br>terrain, and obstructions in<br>an emergency. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                                                      |                                    |                                                                                                                                               |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                                                                             | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Emergency<br>evacuation                                                                                    |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management. | High                          |
| Conduct<br>Emergency<br>Procedure - Flight<br>by reference to<br>standby flight<br>instruments,<br>backup<br>instrumentation,<br>or partial panel |                                    |                                                                                                                                               | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                                                      |                                                                                               |                                 |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                                                             | MOTOR SKILL<br>LEARNING OBJECTIVES                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure - Flight<br>by reference to<br>standby flight<br>instruments,<br>backup<br>instrumentation,<br>or partial panel | Can coordinate with crew and<br>execute the appropriate<br>checklist(s) in a timely manner    |                                 | High                          |
| Conduct<br>Emergency<br>Procedure - Flight<br>by reference to<br>standby flight<br>instruments,<br>backup<br>instrumentation,<br>or partial panel | Can perform communication<br>with ATC and the evaluator, as<br>appropriate for the situation. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                                                      |                                    |                                                                                                                                        |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                                                                             | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure - Flight<br>by reference to<br>standby flight<br>instruments,<br>backup<br>instrumentation,<br>or partial panel |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>follow proper procedures<br>or checklists in an<br>emergency. | High                          |
| Conduct<br>Emergency<br>Procedure - Flight<br>by reference to<br>standby flight<br>instruments,<br>backup<br>instrumentation,<br>or partial panel |                                    | Can identify, assess, and<br>manage risks,<br>encompassing multiple<br>failures or system<br>abnormalities.                            | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                                                      |                                    |                                                                                                                                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                                                                             | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure - Flight<br>by reference to<br>standby flight<br>instruments,<br>backup<br>instrumentation,<br>or partial panel |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>consider altitude, wind,<br>terrain, and obstructions in<br>an emergency. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                                                      |                                    |                                                                                                                                               |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                                                                             | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure - Flight<br>by reference to<br>standby flight<br>instruments,<br>backup<br>instrumentation,<br>or partial panel |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Inflight fire and<br>smoke                                                                                 |                                    |                                                                                                                                               | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Inflight fire and<br>smoke                                                                                 |                                    |                                                                                                                                               | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                      |                                                                                               |                                                                                                                                        |                               |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                             | MOTOR SKILL<br>LEARNING OBJECTIVES                                                            | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Inflight fire and<br>smoke | Can perform communication<br>with ATC and the evaluator, as<br>appropriate for the situation. |                                                                                                                                        | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Inflight fire and<br>smoke |                                                                                               | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>follow proper procedures<br>or checklists in an<br>emergency. | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                      |                                    |                                                                                                                                                    |                               |
|-------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                             | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Inflight fire and<br>smoke |                                    | Can identify, assess, and<br>manage risks,<br>encompassing multiple<br>failures or system<br>abnormalities.                                        | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Inflight fire and<br>smoke |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>consider altitude, wind,<br>terrain, and obstructions in<br>an emergency. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                      |                                    |                                                                                                                                               |                               |
|-------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                             | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Inflight fire and<br>smoke |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                          |                                                                                                                                                                                              |                                 |                               |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment | Can execute continued takeoff following failures including engine failure after V1, and any critical failures for the aircraft type that could lead to lateral asymmetry during the takeoff; |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                                                                                                                                                                              |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                          |                                    |                                 |                               |
|---------------------------------------------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                          |                                                                                                                                                                                                                                                             |                                 |                               |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment | Can execute continued takeoff if the powerplant failure occurs at a point where the airplane can continue to a specified airspeed and altitude at the end of the runway commensurate with the airplane's performance capabilities and operating limitations |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                          |                                                                                                                                                                                                                               |                                 |                               |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment | Can maintain the desired<br>airspeed, $\pm 5$ knots after<br>establishing a climb, and use<br>flight controls in the proper<br>combination as recommended<br>by the manufacturer, to<br>maintain best performance and<br>trim |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                          |                                                                                                                                        |                                 |                               |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment | Can use flight controls in the proper combination as recommended by the manufacturer to maintain best performance and trim as required |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment | Can maintain the appropriate heading, $\pm 5^\circ$ , when powerplant failure occurs                                                   |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                          |                                                                                                              |                                 |                               |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment | Can coordinate with crew and<br>execute the appropriate<br>checklist(s) following the<br>powerplant failure. |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment | Can perform communication<br>with ATC and the evaluator, as<br>appropriate for the situation.                |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                          |                                    |                                                                                                                                                                                                                                                                                        |                               |
|---------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                    | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure during takeoff considering operational factors such as takeoff warning inhibit systems, runway/takeoff path length, surface conditions, environment, obstructions, and LAHSO operations. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                          |                                    |                                                                                                                                                                  |                               |
|---------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>brief the plan for a<br>powerplant failure during<br>takeoff, in a crew<br>environment. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>follow proper procedures<br>or checklists in an<br>emergency.                           | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                          |                                    |                                                                                                                                                             |                               |
|---------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>correctly identify the<br>inoperative engine<br>(AMEL, AMES).                      | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                    | Can identify, assess, and<br>manage risks,<br>encompassing inability to<br>climb or maintain altitude<br>with an inoperative<br>powerplant (AMEL,<br>AMES). | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                          |                                    |                                                                                                                                                    |                               |
|---------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>consider altitude, wind,<br>terrain, and obstructions in<br>an emergency. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                    | Can identify, assess, and<br>manage risks,<br>encompassing low altitude<br>maneuvering including<br>stall, spin, or CFIT.                          | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                          |                                    |                                                                                                                                               |                               |
|---------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                 | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Second Segment |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                     |                                                                                                                                                                                                                             |                                 |                               |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub> | Can execute continued takeoff<br>following failures including<br>engine failure after V <sub>1</sub> , and<br>any critical failures for the<br>aircraft type that could lead to<br>lateral asymmetry during the<br>takeoff; |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub> |                                                                                                                                                                                                                             |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                     |                                    |                                 |                               |
|--------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub> |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                            |                                                                                                                                                                                                                                                                                        |                                 |                               |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                   | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at $V_1$ | Can execute continued takeoff<br>if the powerplant failure<br>occurs at a point where the<br>airplane can continue to a<br>specified airspeed and altitude<br>at the end of the runway<br>commensurate with the<br>airplane's performance<br>capabilities and operating<br>limitations |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                     |                                                                                                                                                                                                                               |                                 |                               |
|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub> | Can maintain the desired<br>airspeed, $\pm 5$ knots after<br>establishing a climb, and use<br>flight controls in the proper<br>combination as recommended<br>by the manufacturer, to<br>maintain best performance and<br>trim |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                     |                                                                                                                                                       |                                 |                               |
|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub> | Can use flight controls in the<br>proper combination as<br>recommended by the<br>manufacturer to maintain best<br>performance and trim as<br>required |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub> | Can maintain the appropriate<br>heading, $\pm 5^\circ$ , when<br>powerplant failure occurs                                                            |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                     |                                                                                                              |                                 |                               |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub> | Can coordinate with crew and<br>execute the appropriate<br>checklist(s) following the<br>powerplant failure. |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub> | Can perform communication<br>with ATC and the evaluator, as<br>appropriate for the situation.                |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                            |                                    |                                                                                                                                                                                                                                                                                        |                               |
|-----------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                   | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at $V_1$ |                                    | Can identify, assess, and manage risks, encompassing failure to plan for a powerplant failure during takeoff considering operational factors such as takeoff warning inhibit systems, runway/takeoff path length, surface conditions, environment, obstructions, and LAHSO operations. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                            |                                    |                                                                                                                                                                  |                               |
|-----------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                   | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at $V_1$ |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>brief the plan for a<br>powerplant failure during<br>takeoff, in a crew<br>environment. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at $V_1$ |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>follow proper procedures<br>or checklists in an<br>emergency.                           | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                     |                                    |                                                                                                                                                             |                               |
|--------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                            | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub> |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>correctly identify the<br>inoperative engine<br>(AMEL, AMES).                      | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub> |                                    | Can identify, assess, and<br>manage risks,<br>encompassing inability to<br>climb or maintain altitude<br>with an inoperative<br>powerplant (AMEL,<br>AMES). | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                            |                                    |                                                                                                                                                    |                               |
|-----------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                   | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at $V_1$ |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>consider altitude, wind,<br>terrain, and obstructions in<br>an emergency. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at $V_1$ |                                    | Can identify, assess, and<br>manage risks,<br>encompassing low altitude<br>maneuvering including<br>stall, spin, or CFIT.                          | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                    |                                                                                                                                               |                               |
|----------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Powerplant<br>Failure During<br>Takeoff at V <sub>1</sub>               |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) |                                    |                                                                                                                                               | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                    |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) |                                    |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                    |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can recognize and correctly<br>identify powerplant failure,<br>execute memory items, and<br>maintain positive airplane<br>control. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                                                                                    |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can coordinate with crew, if<br>applicable, and complete the<br>appropriate emergency<br>procedures and checklist(s) for<br>simulated propeller feathering<br>or simulated powerplant<br>shutdown. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                                       |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can use flight controls in the<br>proper combination as<br>recommended by the<br>manufacturer to maintain best<br>performance and trim as<br>required |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can maintain the operating<br>powerplant(s) within<br>acceptable operating limits.                                                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                    |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can perform radio calls as<br>appropriate                                          |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can assess and proceed toward<br>the nearest suitable airport.                     |                                 | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can coordinate with crew and<br>execute the approach and<br>landing checklists(s). |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                   |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can maintain the appropriate<br>airplane configuration and<br>airspeed considering<br>meteorological and operating<br>conditions. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                                                                                                          |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can maintain altitude $\pm 100$<br>feet, selected heading $\pm 5^\circ$ ,<br>airspeed $\pm 10$ knots, and<br>perform tracking of radials,<br>courses, and bearings, prior to<br>beginning the final approach<br>segment. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                                                                                                                                     |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                  | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can assess NOTAMs,<br>inoperative aircraft or<br>navigation equipment, or<br>inoperative visual aids<br>associated with the landing<br>environment and adjust the<br>published MDA and visibility<br>criteria for the aircraft<br>approach category |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                                                                                            |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                         | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can initiate and maintain a<br>predetermined rate of descent<br>which approximates that<br>required for the aircraft to<br>follow the vertical guidance, at<br>the point where vertical<br>guidance begins |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                                                                            |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                         | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can maintain a stabilized<br>approach, adjusting pitch and<br>power as required, allowing no<br>more than ¼-scale deflection<br>of either the vertical or lateral<br>guidance indications. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                                                                                                      |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can maintain a stabilized final approach from the FAF to the DA/DH allowing no more than ¼- scale deflection of either the vertical or lateral guidance indications and maintain the desired airspeed $\pm 5$ knots. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                           |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can maintain directional<br>control and appropriate<br>crosswind correction<br>throughout the approach and<br>landing or missed approach. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                                                                               |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can immediately execute the<br>missed approach procedure if<br>the required visual references<br>for the runway are not<br>distinctly visible and<br>identifiable upon reaching the<br>DA/DH, |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                                                                                                                                           |                                 |                               |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can execute a transition to a<br>normal landing approach when<br>the aircraft is in a position<br>from which a descent to a<br>landing on the runway can be<br>made at a normal rate of<br>descent using normal<br>maneuvering upon reaching<br>the DA/DH |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                                            |                                                                                                                                              |                               |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                         | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) | Can perform smooth, timely,<br>and correct control application<br>before, during, and after<br>touchdown or during the<br>missed approach. |                                                                                                                                              | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) |                                                                                                                                            | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>plan for a powerplant<br>failure inflight or during<br>an approach. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                    |                                                                                                                                                                                     |                               |
|----------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) |                                    | Can identify, assess, and<br>manage risks,<br>encompassing collision<br>hazards, to include<br>aircraft, terrain, obstacles,<br>wires, vehicles, vessels,<br>persons, and wildlife. | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) |                                    | Can identify, assess, and<br>manage risks,<br>encompassing improper<br>airplane configuration.                                                                                      | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                    |                                                                                                                                               |                               |
|----------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) |                                    | Can identify, assess, and<br>manage risks,<br>encompassing low altitude<br>maneuvering including<br>stall, spin, or CFIT.                     | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) |                                    | Can identify, assess, and<br>manage risks,<br>encompassing distractions,<br>loss of situational<br>awareness, or improper<br>task management. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                    |                                                                                                             |                               |
|----------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) |                                    | Can identify, assess, and<br>manage risks,<br>encompassing landing<br>with a powerplant failure.            | High                          |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) |                                    | Can identify, assess, and<br>manage risks,<br>encompassing missed<br>approach with a<br>powerplant failure. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3                                                                   |                                                                                                                |                                                                                                                |                               |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                                                                                          | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                             | ATTITUDE LEARNING<br>OBJECTIVES                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Emergency<br>Procedure -<br>Precision<br>Approach with<br>Powerplant<br>Failure (manual<br>control) |                                                                                                                | Can identify, assess, and<br>manage risks,<br>encompassing<br>maneuvering in IMC with<br>a powerplant failure. | High                          |
| Conduct<br>Instrument<br>Takeoff                                                                               |                                                                                                                |                                                                                                                | High                          |
| Conduct<br>Instrument<br>Takeoff                                                                               | Can coordinate with crew and<br>execute the appropriate<br>checklist(s) prior to takeoff in<br>a timely manner |                                                                                                                | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                       |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | Can execute setting of the applicable avionics and flight instruments prior to initiating the takeoff |                                 | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can perform radio calls as appropriate                                                                |                                 | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can verify assigned/correct runway                                                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                 |                                 |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | Can perform clearing the arrival area and execute taxiing into takeoff position and align the airplane on the runway centerline |                                 | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can maintain centerline and proper flight control inputs during the takeoff roll                                                |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                    |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | can confirm takeoff power and proper engine and flight instrument indications prior to rotation making callouts, as appropriate, for the airplane or per the operator's procedures |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                              |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | Can rotates and lift off at the recommended airspeed, establish the desired pitch attitude, and accelerate to the desired airspeed/ V-speed. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                             | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | Can execute a smooth transition from visual meteorological conditions (VMC) to actual or simulated instrument meteorological conditions (IMC). |                                 | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can maintain desired heading $\pm 5^\circ$ and desired airspeeds $\pm 5$ knots.                                                                |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                      |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | Can comply with ATC<br>clearances and instructions<br>issued by ATC , as appropriate |                                 | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can execute appropriate after-<br>takeoff checklist(s) in a timely<br>manner         |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                      |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing selection of a runway based on aircraft performance and limitations, available distance, surface conditions, lighting, and wind | High                          |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing wake turbulence                                                                                                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                   |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and<br>manage risks,<br>encompassing abnormal<br>operations, to include<br>planning for rejected<br>takeoff | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                                               |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for Engine failure in takeoff phase of flight with the ceiling or visibility below the minimums for an instrument approach at departure airport | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                                             |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for Engine failure in climb phase of flight with the ceiling or visibility below the minimums for an instrument approach at departure airport | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                               |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for collision hazards, to include aircraft, terrain, obstacles, wires, vehicles, vessels, persons, and wildlife | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                           |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for low altitude maneuvering including stall, spin, or CFIT | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                             |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                    | Can identify, assess, and manage risks, encompassing abnormal operations, to include planning for distractions, loss of situational awareness, or improper task management. | High                          |
| Conduct<br>Instrument<br>Takeoff             |                                    |                                                                                                                                                                             | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                  |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             | Can perform applicable procedures during takeoff to address the transition from visual flight to instrument flight for both the pilot flying (PF) and pilot monitoring (PM), to include the use and limitations of any flight guidance or visual systems in use. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |
|----------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                      | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Instrument<br>Takeoff             |                                                         | Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting. | High                          |
| Conduct<br>Instrument<br>Takeoff             | Can execute normal takeoff at lowest applicable minima; |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                      |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Instrument Takeoff                   | Can perform takeoff with failure of the flight guidance device or ground-based guidance system, at a critical point of the takeoff, unless these systems have failure characteristics that are extremely improbable. |                                 | High                          |
| Conduct Landing From a Precision Approach    |                                                                                                                                                                                                                      |                                 | High                          |

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| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                                                                                                                                                                                                                                                              |                                 |                               |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                                                                                                                                                                                                                                                              |                                 | High                          |
| Conduct Landing<br>From a Precision<br>Approach | Can maintain the desired<br>airspeed, $\pm 5$ knots, and vertical<br>and lateral guidance within $\frac{1}{4}$ -<br>scale deflection of the<br>indicators during the descent<br>from DA/DH to a point where<br>visual maneuvering is used to<br>accomplish a normal landing. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                                                                                                                                                          |                                 |                               |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach | Can comply with all ATC<br>advisories, such as NOTAMs,<br>windshear, wake turbulence,<br>runway surface, braking<br>conditions, and other<br>operational considerations. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                                                                                                                                                                                                           |                                 |                               |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach | Can execute touch down at the appropriate speed and pitch attitude at the runway aiming point markings, -250/+500 feet, or where there are no runway markings 750 to 1,500 feet from the approach threshold of the runway |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                                                                                                                  |                                 |                               |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach | Can maintain positive airplane control throughout the landing using drag and braking devices, as appropriate, to come to a stop. |                                 | High                          |
| Conduct Landing<br>From a Precision<br>Approach | Can demonstrate SRM or CRM, as appropriate.                                                                                      |                                 | High                          |
| Conduct Landing<br>From a Precision<br>Approach | Can apply runway incursion avoidance procedures.                                                                                 |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                    |                                                                                                                                                                                                                               |                               |
|-------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing selection of<br>an approach procedure and<br>runway based on pilot<br>capability, aircraft<br>limitations, available<br>distance, surface<br>conditions, and wind. | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                    |                                                                                            |                               |
|-------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                            | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing wake<br>turbulence.             | High                          |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>missed approach | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                    |                                                                                                                      |                               |
|-------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>land and hold short<br>operations (LAHSO) | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                    |                                                                                                                                                                                                     |                               |
|-------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>collision hazards, to<br>include aircraft, terrain,<br>obstacles, wires, vehicles,<br>vessels, persons, and<br>wildlife. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                    |                                                                                                                                           |                               |
|-------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>low altitude maneuvering<br>including stall, spin, or<br>CFIT. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                    |                                                                                                                                                               |                               |
|-------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>distractions, loss of<br>situational awareness, or<br>improper task<br>management. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                    |                                                                                                                             |                               |
|-------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>attempting to land from an<br>unstable approach. | High                          |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>flying below the glidepath.                      | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                    |                                                                                                                                                  |                               |
|-------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can identify, assess, and<br>manage risks,<br>encompassing planning for<br>transitioning from<br>instrument to visual<br>references for landing. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |
|-------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach |                                    | Can demonstrate familiarization with operator's policies and procedures concerning constraints applicable to AWO takeoffs and landings on contaminated or cluttered runways. Limits should be noted for use of wet or icy runways as far as directional control or stopping performance is concerned, and flight crews should be familiar with appropriate constraints related to braking reports and the obscuration of appropriate lighting or markings. Refer to AC 91-79 for detailed information on runway contaminants and condition reporting. | High                          |
| Conduct Landing<br>From a Precision<br>Approach |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                                                                                                                                                                                                                              |                                 |                               |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach | Can perform proper reaction to significant airborne system failures experienced prior to and after reaching the final approach fix (FAF), MDA, DA/DH, or AH. Expected pilot response to failure after touchdown should be addressed as well. |                                 | High                          |
| Conduct Landing<br>From a Precision<br>Approach |                                                                                                                                                                                                                                              |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3    |                                                                                                                                                                          |                                 |                               |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                           | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach | Can recognize and execute appropriate actions in response to ground or navigation system faults, failures or abnormalities at any point during the approach and landing. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3      |                                    |                                                                                                                                                                                                                                                                                                               |                               |
|---------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                             | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Landing<br>From a Precision<br>Approach   |                                    | Can appreciate that pilots should be familiar with the need to report navigation system anomalies or discrepancies, failures of any lighting system (e.g., approach lights, runway lights, touchdown zone (TDZ) lights, centerline lights), or any other discrepancies that could be pertinent to operations. | High                          |
| Conduct Lower<br>than Standard<br>Minimum Takeoff |                                    |                                                                                                                                                                                                                                                                                                               | High                          |

2023

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                          |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Lower than Standard Minimum Takeoff  | Can conduct a Lower than Standard Minimum Takeoff in accordance with approved OpSpec C052.                                                               |                                 | High                          |
| Conduct Missed Approach - OEI                | Can execute a one engine inoperative missed approach from a low altitude that could result in a touchdown during go-around (balked or rejected landing). |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                             | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach - OEI             |                                                                                                                                                                                                                |                                 | High                          |
| Conduct Missed<br>Approach - OEI             |                                                                                                                                                                                                                |                                 | High                          |
| Conduct Missed<br>Approach - OEI             | Can apply the appropriate<br>power setting for the flight<br>condition and establish a pitch<br>attitude necessary to obtain the<br>desired performance during a<br>one engine inoperative missed<br>approach. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                                    |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                 | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                | Can perform retraction of the wing flaps/drag devices and landing gear, if appropriate, in the correct sequence and at a safe altitude, and initiate a positive rate of climb at the appropriate airspeed/V- speed, $\pm 5$ knots during a one engine inoperative missed approach. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                      |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach - OEI             | Can coordinate with crew and execute the appropriate procedures and checklist(s) in a timely manner during a one engine inoperative missed approach. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                       |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                | Can comply with the published or alternate missed approach procedure during a one engine inoperative missed approach. |                                 | High                          |
| Conduct Missed Approach - OEI                | Can coordinate with ATC if unable to comply with a clearance, restriction, or climb gradient.                         |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                  |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach - OEI             | Can maintain the heading,<br>course, or bearing $\pm 5^\circ$ , and<br>altitude(s) $\pm 100$ feet during the<br>missed approach procedure<br>during a one engine<br>inoperative missed approach. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                           |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                | Can use an MFD and other graphical navigation displays, if installed, to monitor position and track to help navigate the missed approach. |                                 | High                          |
| Conduct Missed Approach - OEI                | Can demonstrate effective CRM during a one engine inoperative missed approach.                                                            |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                              |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                           | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                | Can execute re-engagement of the autopilot at appropriate times during the one engine inoperative missed approach procedure. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                 |                                 |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed Approach - OEI                | Can obtain ATC clearance to attempt another approach, proceed to the alternate airport, holding fix, or other clearance limit, as appropriate, or as directed by the evaluator during a one engine inoperative missed approach. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                 |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach - OEI             |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>follow prescribed<br>procedures during a one<br>engine inoperative missed<br>approach. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                 |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach - OEI             |                                    | Can identify, assess, and manage risks, encompassing holding, diverting, or electing to fly the approach again during a one engine inoperative missed approach. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach - OEI             |                                    | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach during a one engine inoperative missed approach. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                     |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach - OEI             |                                    | Can identify, assess, and<br>manage risks,<br>encompassing factors that<br>might lead to executing a<br>one engine inoperative<br>missed approach<br>procedure before the MAP<br>or to a go-around below<br>DA/MDA. | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                      |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Missed<br>Approach - OEI             |                                    | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems during a one engine inoperative missed approach. | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                                                                                                                                                      | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                                                                                                                                                      | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                 |                               |
|----------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                 |                               |
|----------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                      |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can appreciate that there are environments in which using CDFA technique is not advisable or practical, for example airports that do not offer straight in non-precision approaches. | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                                                                                                                                                                      | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    |                                                                                                                                                                                      | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                               |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                                                                               |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                                                                               |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          | Can perform the nonprecision<br>instrument approaches selected<br>by the instructor/evaluator |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                             | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          | Can initiate two-way<br>communications with ATC<br>appropriate for the phase of<br>flight or approach segment,<br>and use proper communication<br>phraseology. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                             |                                 |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach. |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          | Can Comply with all clearances issued by ATC .                                                                                              |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                        |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          | Can recognize if any flight instrumentation is inaccurate or inoperative, and take appropriate action. |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          | Can coordinate with ATC if unable to comply with a clearance.                                          |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                   |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          | Can maintain the appropriate<br>airplane configuration and<br>airspeed considering<br>meteorological and operating<br>conditions. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                        |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                             |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category |                                 | High                          |
| Conduct<br>Nonprecision<br>Approach          | Can maintain a stabilized descent to the appropriate altitude.                                                                                                                                                              |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                 |                                 |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          | Can maintain no more than ¼ scale CDI deflection, airspeed ±5 knots of selected value, and altitude above MDA +50/-0 feet (to the VDP or MAP) during the final approach segment |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                             |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          | Can execute the missed approach procedure if the required visual references are not distinctly visible and identifiable at the appropriate point or altitude for the approach profile, or execute a normal landing from a straight-in or circling approach. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                          |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          | Can use a Multi-Function Display (MFD) and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                           |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                           | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and manage risks, encompassing Failure to follow the correct approach procedure (e.g., descending too early, etc.). | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and manage risks, encompassing Selecting an incorrect navigation frequency.                                         | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                     |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and<br>manage risks,<br>encompassing Failure to<br>manage automated<br>navigation and auto flight<br>systems. | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and manage risks, encompassing Failure to ensure proper airplane configuration during an approach and missed approach. | High                          |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and manage risks, encompassing An unstable approach, including excessive descent rates.                                | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and<br>manage risks,<br>encompassing<br>Deteriorating weather<br>conditions on approach. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                |                               |
|----------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct<br>Nonprecision<br>Approach          |                                    | Can identify, assess, and manage risks, encompassing Operating below the minimum descent altitude (MDA) or continuing a descent below decision altitude (DA) without proper visual references. | High                          |
| Conduct OEI<br>Climb to En Route<br>Altitude |                                    |                                                                                                                                                                                                | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                             | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct OEI<br>Climb to En Route<br>Altitude | Can conduct an OEI climb<br>enroute at either $V_{se}$ or greater,<br>depending on conditions. |                                 | High                          |
| Conduct Precision<br>Approach                |                                                                                                |                                 | High                          |
| Conduct Precision<br>Approach                |                                                                                                |                                 | High                          |
| Conduct Precision<br>Approach                |                                                                                                |                                 | High                          |
| Conduct Precision<br>Approach                |                                                                                                |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                 |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can perform the precision instrument approaches selected by the instructor/evaluator.                                                           |                                 | High                          |
| Conduct Precision Approach                   | Can initiate two-way communications with ATC appropriate for the phase of flight or approach segment, and use proper communication phraseology. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                             |                                 |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can execute selection, tuning, identification, and confirmation the operational status of navigation equipment to be used for the approach. |                                 | High                          |
| Conduct Precision Approach                   | Can comply in a timely manner with all clearances, instructions, and procedures.                                                            |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                        |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can recognize if any flight instrumentation is inaccurate or inoperative, and take appropriate action. |                                 | High                          |
| Conduct Precision Approach                   | Can coordinate with ATC if unable to comply with a clearance.                                          |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                   |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision<br>Approach                | Can maintain the appropriate<br>airplane configuration and<br>airspeed considering<br>meteorological and operating<br>conditions. |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                        |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can maintain altitude $\pm 100$ feet, selected heading $\pm 5^\circ$ , airspeed $\pm 10$ knots, and perform tracking of radials, courses, and bearings, prior to beginning the final approach segment. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                             |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can assess NOTAMs, inoperative aircraft or navigation equipment, or inoperative visual aids associated with the landing environment and adjust the published MDA and visibility criteria for the aircraft approach category |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                          |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision<br>Approach                | Can initiate and maintain a predetermined rate of descent which approximates that required for the aircraft to follow the vertical guidance, at the point where vertical guidance begins |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                     |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                  | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can maintain a stabilized final approach from the Final Approach Fix (FAF) to DA/DH allowing no more than ¼-scale deflection of either the vertical or lateral guidance indications and maintain the desired airspeed $\pm 5$ knots |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                               |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can immediately initiate the missed approach procedures if the required visual references for the runway are not distinctly visible and identifiable upon reaching the DA/DH. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                            |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                         | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can, upon reaching the DA/DH, perform a transition to a normal landing when the aircraft is in a position from which a descent to a landing on the runway can be made at a normal rate of descent using normal maneuvering |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                  |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can use an MFD and other graphical navigation displays, if installed, to monitor position, track wind drift and other parameters to maintain desired flightpath. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                      |                               |
|----------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing failure to follow the correct approach procedure (e.g., descending below the glideslope, etc.). | High                          |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing selecting an incorrect navigation frequency.                                                    | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                      |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing failure to manage automated navigation and auto flight systems. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing failure to ensure proper airplane configuration during an approach and missed approach. | High                          |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing an unstable approach, including excessive descent rates.                                | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                    |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing deteriorating weather conditions on approach. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                       |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                    | Can identify, assess, and manage risks, encompassing continuing to descend below the Decision Altitude (DA)/Decision Height (DH) when the required visual references are not visible. | High                          |
| Conduct Precision Approach                   |                                    |                                                                                                                                                                                       | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                               | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can perform appropriate normal and non-normal procedures including crew duties, monitoring assignments, transfer of control during normal operations, appropriate automatic or crew-initiated call-outs, proper use of standard or special IAPs, applicable minima for normal configurations or for alternate or failure configurations, and reversion to higher minima in the event of failures |                                 | High                          |
| Conduct Precision Approach                   |                                                                                                                                                                                                                                                                                                                                                                                                  |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                               |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can perform procedures to address the transition from electronic monitoring displays to external visual references for both PF and PM for systems that include such displays. |                                 | High                          |
| Conduct Precision Approach                   |                                                                                                                                                                               |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   |                                    | Can appreciate constraints for head winds, tail winds, crosswinds, and the effect of vertical and horizontal wind shear on automatic systems, flight directors (F/D), or other system (e.g., HUD, SVGS, etc.) performance. For systems such as HUDs that have a limited field of view (FOV), or synthetic reference systems, pilots should be familiar with the display limitations of these systems and expected pilot actions in the event that the aircraft reaches or exceeds a display limit capability. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                 |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can execute types of instrument procedures approved for the air carrier (standard and special, lowest straight-in, or circling minima, if applicable); according to the operators manuals, charts and checklists, on the aircraft type, model and series flown. |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                           |                                 |                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                        | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can use flight guidance and/or visual system(s) and their corresponding category(s) of minima for each authorized system; |                                 | High                          |
| Conduct Precision Approach                   | Can use NAVAID(s) and visual aids used (LVO/SMGCS lighting if applicable);                                                |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                              |                                                                                                |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                           | ATTITUDE LEARNING<br>OBJECTIVES                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can apply Flightcrew procedures used (e.g., PF/PM duties, monitored approach, or call-outs); |                                                                                                | High                          |
| Conduct Precision Approach                   |                                                                                              | Can demonstrate familiarization with airport and runway characteristics typically experienced; | High                          |
| Conduct Precision Approach                   |                                                                                              |                                                                                                | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                                                                                                                                        |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                     | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Precision Approach                   | Can perform relevant normal, non-normal, and environmental conditions. Training and evaluation need only be conducted using relevant and representative procedures and conditions (e.g., a representative mix of day, night, dusk, variable/patchy conditions, representative temperatures, landing runway altitudes, precipitation conditions, turbulence, and icing conditions); and |                                 | High                          |
| Conduct Precision Approach                   | Can respond appropriately to aircraft and ground system failures.                                                                                                                                                                                                                                                                                                                      |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                 |                               |
|----------------------------------------------|------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                  |                                    |                                 | High                          |
| Conduct Rejected<br>Takeoff                  |                                    |                                 | High                          |
| Conduct Rejected<br>Takeoff                  |                                    |                                 | High                          |
| Conduct Rejected<br>Takeoff                  |                                    |                                 | High                          |
| Conduct Rejected<br>Takeoff                  |                                    |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                      |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                  | Can execute aborted takeoff if the powerplant failure occurs at a point during the takeoff where the abort procedure can be initiated and the airplane can be safely stopped on the remaining runway |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                            |                                 |                               |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                         | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                  | Can execute prompt reduction<br>of power and maintain positive<br>aircraft control using drag and<br>braking devices, as<br>appropriate, to come to a stop |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                 |                                                                                                                |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                  | Can coordinate with crew, if applicable, and complete the appropriate procedures, checklist(s), and radio calls following a rejected takeoff in a timely manner |                                                                                                                | High                          |
| Conduct Rejected<br>Takeoff                  |                                                                                                                                                                 | Can identify, assess, and manage risks, encompassing a powerplant failure or other malfunction during takeoff. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                          |                               |
|----------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                  |                                    | Can identify, assess, and<br>manage risks,<br>encompassing failure to<br>maintain directional<br>control following a<br>rejected takeoff | High                          |
| Conduct Rejected<br>Takeoff                  |                                    | Can identify, assess, and<br>manage risks,<br>encompassing rejecting<br>takeoff with inadequate<br>stopping distance                     | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                            |                                                                                                                                                                     |                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                         | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                     | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected<br>Takeoff                  |                                                                                            | Can identify, assess, and<br>manage risks,<br>encompassing a high-<br>speed abort distractions,<br>loss of situational<br>awareness, or improper<br>task management | High                          |
| Conduct Rejected<br>Takeoff                  | Can execute Rejected takeoff<br>from a point prior to V1<br>(including an engine failure); |                                                                                                                                                                     | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                               |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                            | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Rejected Takeoff                     | Can perform rejected takeoff requiring transfer of control (if applicable) for low-visibility takeoff minima where a flight guidance and/or vision system is required                                                         |                                 | High                          |
| Conduct Rejected Takeoff                     | Can perform rejected takeoff with failure of the flight guidance device or ground-based guidance system, at a critical point of the takeoff, unless these systems have failure characteristics that are extremely improbable. |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                               |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                               |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                               |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                               |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                               |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                               |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                               |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                          |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                       | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can record taxi instructions, respond to taxi clearances, and review taxi routes on the airport diagram. |                                 | High                          |
| Conduct Taxi                                 | Can use an airport diagram or taxi chart during taxi                                                     |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                 |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                              | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can comply with ATC clearances and instructions and observe all runway hold lines, ILS critical areas, beacons, and other airport/taxiway markings and lighting |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                             |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can coordinate with crew, if applicable, and complete the appropriate checklist(s) prior to and during taxi |                                 | High                          |
| Conduct Taxi                                 | Can maintain situational awareness during taxi                                                              |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                      |                                 |                               |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                   | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can maintain correct and positive airplane control, proper speed, appropriate use of wheel brakes and reverse thrust |                                 | High                          |
| Conduct Taxi                                 | Can maintain separation between other aircraft, vehicles, and persons to avoid an incursion/incident/accident        |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                 |                                                                                                |                               |
|----------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                              | ATTITUDE LEARNING<br>OBJECTIVES                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can use aircraft exterior lighting for day and night operations |                                                                                                | High                          |
| Conduct Taxi                                 |                                                                 | Can identify, assess, and manage risks, encompassing inappropriate activities and distractions | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                       |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can identify, assess, and manage risks, encompassing confirmation or expectation bias as related to taxi instructions | High                          |
| Conduct Taxi                                 |                                    | Can identify, assess, and manage risks, encompassing a taxi route or departure runway change                          | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                       |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                       | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can identify, assess, and manage risks, encompassing failure to complete checklist(s) | High                          |
| Conduct Taxi                                 |                                    | Can identify, assess, and manage risks, encompassing low visibility taxi operations   | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Low visibility taxi and ground operations should be trained to the extent practical and beneficial. Such training should address operations at typical airports or alternately, at airports frequently experiencing low-visibility conditions, complex airports on the operator's route system, airports with particular low visibility ground movement difficulties, or rarely used but significant contingency airports, as determined appropriate by the operator. |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                     |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                  | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | perform either PF or PM duties, unless otherwise limited by the operator's policies or aircraft characteristics (e.g., single HUD). |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                     |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                                                                                             |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can apply use of the airport diagram after receiving a clearance, and confirms and verbalizes the assigned runway and taxi route, including any instructions to hold short of, or cross, a runway. If there is any doubt, speaks up and resolve the uncertainty before taxi |                                 | High                          |
| Conduct Taxi                                 |                                                                                                                                                                                                                                                                             |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                   |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can use airport diagram to follow progress of the taxi operation                                                                                                                  |                                 | High                          |
| Conduct Taxi                                 | Can execute bringing the aircraft to a complete stop, or be in a phase of taxiing that has no risk of a runway incursion before continuing with operational duties and checklists |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                       |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                    | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can execute turning on the rotating beacon whenever an engine is running                                                                              |                                 | High                          |
| Conduct Taxi                                 | Can execute turning on navigation, position, anti-collision, and logo lights, if available, to signal intent to other pilots prior to commencing taxi |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                                                                                                                                             |                                 |                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                                                                                                                                          | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can execute turning on the taxi light when the aircraft is moving or intending to move on the ground, and turning it off when stopped or yielding or as a consideration to other pilots or ground personnel |                                 | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                                                                   |                                 |                               |
|----------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES                                                | ATTITUDE LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 | Can execute illuminating all<br>lights when crossing a runway<br>when appropriate |                                 | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                                                                                                   |                               |
|----------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can conduct a briefing on the timing and execution of aircraft checklists and company communications at the appropriate times and locations, ensuring the pilot who is not taxiing the aircraft can be available to participate in verbal coordination with the pilot who is taxiing the aircraft | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                             |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can consider the anticipated duration of the taxi operation, the locations of hot spots/complex intersections and runway crossings, and the visibility along the taxi route when briefing tasks or accomplishing checklists | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                                                                    |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                    | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can manage pilot workload and heads-down time during taxi by conducting predeparture checklists, including setting the takeoff flap setting, when the aircraft is stopped or while taxiing straight ahead on a taxiway without complex intersections and hot spots | High                          |
| Conduct Taxi                                 |                                    | Can maintain a sterile cockpit during taxi operations                                                                                                                                                                                                              | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                          |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can manage the risk of expectation bias, and follow the clearance or instructions that are actually received, and not the ones they expected to receive. | High                          |
| Conduct Taxi                                 |                                    | Can be alert to ATC instructions to hold short of an ILS critical area holding line.                                                                     | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                  |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                  | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can monitor the aircraft's progress on the airport diagram to ensure that the pilot taxiing the aircraft is following the instructions received from the ATC while maintaining outside vigilance | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                               |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                               | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can respond to all hold short instructions, and verifies with other crew members or ATC to ensure agreement and understanding | High                          |
| Conduct Taxi                                 |                                    | Can comply with hold short or crossing clearance when approaching an entrance to a runway.                                    | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can explain or demonstrate proper actions if the crew becomes disoriented: never stop on a runway, and initiate communications with ATC to regain orientation. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                                                                   |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                   | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | <p>Can demonstrate vigilance when instructed to taxi and “Line Up and Wait”.</p> <p>Turns Traffic Alert and Collision Avoidance System (TCAS)/traffic advisory systems (TAS) on in order obtain awareness of any aircraft that may be landing on your runway.</p> | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                             |                               |
|----------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                             | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can determine whether or not to accept last-minute turnoff instructions from ATC, refusing such clearance unless the crew clearly understands the instructions and are certain that they can safely comply. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                        |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                        | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can resolve all misunderstandings or disagreements regarding taxi clearance to the satisfaction of all flightcrew members before taxiing the aircraft. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                                                                 |                               |
|----------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                 | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can coordinate with other flightcrew member(s) if stopping and resuming the monitoring of the ATC frequency, for example when it becomes necessary for a flightcrew member to stop monitoring any ATC frequency to prepare the aircraft for takeoff or landing. | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                                                          |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                          | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can assess any upcoming hold short instructions or clearances that could be misinterpreted prior to stopping and after resuming monitoring of the taxi. An example may include: "I'm heads-down, right turn ahead at Alpha," or "I'm back, any changes?" | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | <p>Can appreciate that time away from monitoring ATC should be avoided with complex taxi routing or crossing of runways. Any instructions or information received or transmitted during that flightcrew member's absence from the ATC frequency should be reviewed and confirmed upon his or her return.</p> | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can coordinate verbally at complex intersections to be sure that: the intersection is correctly identified and confirmed using the airport diagram and the heading indicator | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                                                                                                                                |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                                                                                                                                | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can state “approaching (specific runway number) hold short line. Before crossing any hold short line, the flightcrew should visually scan to the left and to the right, including the full length of the runway and its approach paths, and coordinate verbally (e.g., “clear right/left” or that the scan area is not clear). | High                          |

| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                                      |                               |
|----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                                      | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can coordinate verbally and agree on the runway assigned by ATC, the upcoming assigned exit, and any restrictions, such as hold short points of an intersecting runway and the aircraft's parking area after landing | High                          |



| HS-125 COURSE 2 - SIMULATOR (SIM) TRAINING 3 |                                    |                                                                                                                                                                                                              |                               |
|----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TASKS                                        | MOTOR SKILL<br>LEARNING OBJECTIVES | ATTITUDE LEARNING<br>OBJECTIVES                                                                                                                                                                              | TASK<br>EXPECTATION<br>RATING |
| Conduct Taxi                                 |                                    | Can consider any adverse effects to safety that illuminating the forward-facing lights will have on the vision of other pilots or ground personnel during runway crossings, and adjust operation accordingly | High                          |
| Conduct Taxi                                 |                                    |                                                                                                                                                                                                              | High                          |

## Appendix H – HS-125 Differences Courses Learning Objectives

# HS-125 Standardized Curriculum



# 1 Hawker 800 and HS-125 Differences

## 1.1 Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP, Hawker 800 with Honeywell CDS/R

| Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP, Hawker 800 with Honeywell CDS/R |           |                                                          |           |         |           |          |
|--------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------|-----------|---------|-----------|----------|
| Ground                                                                                           |           | Systems Integration<br>(Requires minimum<br>Level 4 FTD) |           | Sim     |           | Checking |
| Initial                                                                                          | Recurrent | Initial                                                  | Recurrent | Initial | Recurrent |          |
| 1.0                                                                                              | 0.5       | 4.0                                                      | 1.0       | N/A     | N/A       | Level B  |

### 1.1.1 Initial Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP, Hawker 800 with Honeywell CDS/R

| Initial Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP, Hawker 800 with Honeywell CDS/R |                                                                                                                                                                                                             |                                          |                               |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------|
| TASKS                                                                                                    | KNOWLEDGE &<br>COGNITIVE LEARNING<br>OBJECTIVES                                                                                                                                                             | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                              | Can recognize that the EADI/EHSI/ALT is replaced with PFD and the MFD to left side was replaced.                                                                                                            |                                          |                               |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                              | Can recognize that the controls for CRS/HDG/ALT were moved to bottom instrument panel (RI-553).                                                                                                             |                                          |                               |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                              | Can explain that the CAS messaging is added to the MFD for CDS/R monitoring only and annunciators are moved to the center pedestal.                                                                         |                                          |                               |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                              | Can recognize that the 5x5-inch EFIS displays were replaced by 8x10-inch EFIS displays: Attitude Indicator, Horizontal Situation Indicator Analog instruments replaced with 8x10-inch EFIS: Altimeter, RMI. |                                          |                               |

| <b>Initial Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP, Hawker 800 with Honeywell CDS/R</b> |                                                                                                                                                                          |                                                                             |                                        |
|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------|
| <b>TASKS</b>                                                                                                    | <b>KNOWLEDGE &amp;<br/>COGNITIVE LEARNING<br/>OBJECTIVES</b>                                                                                                             | <b>MOTOR<br/>SKILL<br/>LEARNING<br/>OBJECTIVES</b>                          | <b>TASK<br/>EXPECTATION<br/>RATING</b> |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                     | Can explain the new EFIS format selections; added PFD/MFD menu control through joystick; New reversion controller                                                        |                                                                             |                                        |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                     | Can assess the impact that the EADI/EHSI/ALT being replaced with a PFD may have on the execution of inflight maneuvers, instrument procedures, emergencies and abnormals |                                                                             |                                        |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                     |                                                                                                                                                                          | Can use attitude, heading and altitude information from the PFD.            | Medium                                 |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                     |                                                                                                                                                                          | Can use controls for CRS/HDG/ALT to manage the flight path of the aircraft. | Medium                                 |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                     |                                                                                                                                                                          | Can recognize CSD/R annunciators on the MFD                                 | Medium                                 |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                     |                                                                                                                                                                          | Can use reversion controller and PFD/MFP menu controller                    | Medium                                 |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                     |                                                                                                                                                                          | Can use the FMS NZ-2000.                                                    | Medium                                 |

| <b>Initial Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP, Hawker 800 with Honeywell CDS/R</b> |                                                      |                                                                           |                                |
|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------|
| <b>TASKS</b>                                                                                                    | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b> | <b>MOTOR SKILL LEARNING OBJECTIVES</b>                                    | <b>TASK EXPECTATION RATING</b> |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                     |                                                      | Can use the TCAS integrated with EFIS display and display control panels. | Medium                         |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                     |                                                      | Can use the TAWS integrated with EFIS display and display control panels  | Medium                         |

### **1.1.2 Recurrent Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP, Hawker 800 with Honeywell CDS/R**

| <b>Recurrent Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP, Hawker 800 with Honeywell CDS/R</b> |                                                                                                                                     |                                        |                                |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------|
| <b>TASKS</b>                                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                | <b>MOTOR SKILL LEARNING OBJECTIVES</b> | <b>TASK EXPECTATION RATING</b> |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                       | Can recognize that the EADI/EHSI/ALT is replaced with PFD and the MFD to left side was replaced.                                    |                                        |                                |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                       | Can recognize that the controls for CRS/HDG/ALT were moved to bottom instrument panel (RI-553).                                     |                                        |                                |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                       | Can explain that the CAS messaging is added to the MFD for CDS/R monitoring only and annunciators are moved to the center pedestal. |                                        |                                |

| <b>Recurrent Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP, Hawker 800 with Honeywell CDS/R</b> |                                                                                                                                                                                                             |                                                                             |                                |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------|
| <b>TASKS</b>                                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                                                                                        | <b>MOTOR SKILL LEARNING OBJECTIVES</b>                                      | <b>TASK EXPECTATION RATING</b> |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                       | Can recognize that the 5x5-inch EFIS displays were replaced by 8x10-inch EFIS displays: Attitude Indicator, Horizontal Situation Indicator Analog instruments replaced with 8x10-inch EFIS: Altimeter, RMI. |                                                                             |                                |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                       | Can explain the new EFIS format selections; added PFD/MFD menu control through joystick; New reversion controller                                                                                           |                                                                             |                                |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                       | Can assess the impact that the EADI/EHSI/ALT being replaced with a PFD may have on the execution of inflight maneuvers, instrument procedures, emergencies and abnormals                                    |                                                                             |                                |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                       |                                                                                                                                                                                                             | Can use attitude, heading and altitude information from the PFD.            | High                           |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                       |                                                                                                                                                                                                             | Can use controls for CRS/HDG/ALT to manage the flight path of the aircraft. | High                           |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                       |                                                                                                                                                                                                             | Can recognize CSD/R annunciators on the MFD                                 | High                           |

| Recurrent Differences from BAe-125-800A/XP, Hawker 800 to BAe-125-800A/XP, Hawker 800 with Honeywell CDS/R |                                           |                                                                           |                         |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                           | TASK EXPECTATION RATING |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                |                                           | Can use reversion controller and PFD/MFP menu controller                  | High                    |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                |                                           | Can use the FMS NZ-2000.                                                  | High                    |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                |                                           | Can use the TCAS integrated with EFIS display and display control panels. | High                    |
| Differences BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800 with CDS/R                                |                                           | Can use the TAWS integrated with EFIS display and display control panels  | High                    |

### ***1.2 Differences from Hawker 900XP to Hawker 800XP/850XP***

| Differences from Hawker 900XP to Hawker 800XP/850XP |           |                                                       |           |         |           |                                            |
|-----------------------------------------------------|-----------|-------------------------------------------------------|-----------|---------|-----------|--------------------------------------------|
| Ground                                              |           | Systems Integration<br>(Requires minimum Level 4 FTD) |           | Sim     |           | Checking                                   |
| Initial                                             | Recurrent | Initial                                               | Recurrent | Initial | Recurrent |                                            |
| 1.0                                                 | 0.5       | 0.5                                                   | 0.5       | N/A     | N/A       | Level A<br>(Level B if IFIS 5000 equipped) |

#### **1.2.1 Initial Differences from Hawker 900XP to Hawker 800XP/850XP**

| Initial Differences from Hawker 900XP to Hawker 800XP/850XP |                                                                                                                                                         |                                       |                               |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------|
| TASKS                                                       | KNOWLEDGE &<br>COGNITIVE LEARNING<br>OBJECTIVES                                                                                                         | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP     | Can explain that the IFIS-5000 is an available option with 800XP and standard equipment for 850XP and 900XP. (This difference is not specific to 900XP) |                                       |                               |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP     | Can identify DEEC fault condition annunciators on master warning system                                                                                 |                                       |                               |
| Differences<br>Hawker 900XP to<br>Hawker<br>800XP/850XP     | Can properly use three position ignition switch                                                                                                         |                                       |                               |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP     | Can recognize conditions under which the DEEC controls igniters automatically                                                                           |                                       |                               |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP     | Can explain check procedure for APR, preflight action for Engine Computer, and check procedure for engine anti-ice.                                     |                                       |                               |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP     | Can explain air start procedures and added procedures for additional DEEC annunciators for the MWS.                                                     |                                       |                               |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP     | Can explain use of APR for TAWS response.                                                                                                               |                                       |                               |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP     | Can identify red annunciators for the DEECs                                                                                                             |                                       |                               |



| Initial Differences from Hawker 900XP to Hawker 800XP/850XP |                                                            |                                                    |                         |
|-------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------|-------------------------|
| TASKS                                                       | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                  | MOTOR SKILL LEARNING OBJECTIVES                    | TASK EXPECTATION RATING |
| Differences Hawker 900XP to Hawker 800XP/850XP              | Can describe Smoke procedures using full face oxygen masks |                                                    |                         |
| Differences Hawker 900XP to Hawker 800XP/850XP              |                                                            | Can use IFIS 5000 to retrieve and stow information | Medium                  |

### 1.2.2 Recurrent Differences from Hawker 900XP to Hawker 800XP/850XP

| Recurrent Differences from Hawker 900XP to Hawker 800XP/850XP |                                                                                                                                                         |                                 |                         |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------|
| TASKS                                                         | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                               | MOTOR SKILL LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences Hawker 900XP to Hawker 800XP/850XP                | Can explain that the IFIS-5000 is an available option with 800XP and standard equipment for 850XP and 900XP. (This difference is not specific to 900XP) |                                 |                         |
| Differences Hawker 900XP to Hawker 800XP/850XP                | Can identify DEEC fault condition annunciators on master warning system                                                                                 |                                 |                         |
| Differences Hawker 900XP to Hawker 800XP/850XP                | Can properly use three position ignition switch                                                                                                         |                                 |                         |

| Recurrent Differences from Hawker 900XP to Hawker 800XP/850XP |                                                                                                                     |                                                    |                               |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------|
| TASKS                                                         | KNOWLEDGE & COGNITIVE<br>LEARNING OBJECTIVES                                                                        | MOTOR SKILL<br>LEARNING<br>OBJECTIVES              | TASK<br>EXPECTATION<br>RATING |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP       | Can recognize conditions under which the DEEC controls igniters automatically                                       |                                                    |                               |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP       | Can explain check procedure for APR, preflight action for Engine Computer, and check procedure for engine anti-ice. |                                                    |                               |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP       | Can explain air start procedures and added procedures for additional DEEC annunciators for the MWS.                 |                                                    |                               |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP       | Can explain use of APR for TAWS response.                                                                           |                                                    |                               |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP       | Can identify red annunciators for the DEECs                                                                         |                                                    |                               |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP       | Can describe Smoke procedures using full face oxygen masks                                                          |                                                    |                               |
| Differences<br>Hawker 900XP<br>to Hawker<br>800XP/850XP       |                                                                                                                     | Can use IFIS 5000 to retrieve and stow information | High                          |

### ***1.3 Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000***

**Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000**

| Ground  |           | Systems Integration<br>(Requires minimum<br>Level 6 FTD) |           | Sim     |           | Checking |
|---------|-----------|----------------------------------------------------------|-----------|---------|-----------|----------|
| Initial | Recurrent | Initial                                                  | Recurrent | Initial | Recurrent |          |
| 1.0     | 0.5       | 4.0                                                      | 1.0       | N/A     | N/A       | Level C  |

### 1.3.1 Initial Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000

| Initial Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000 |                                                                                                                                                        |                                       |                               |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------|
| TASKS                                                                                                   | KNOWLEDGE &<br>COGNITIVE<br>LEARNING<br>OBJECTIVES                                                                                                     | MOTOR SKILL<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     | Can use the pilot and co-pilot PFD and MFD that replace the EADI/EHSI/ALT, the MFD was replaced, Replaced MFD, and identify Removed engine instruments |                                       |                               |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     | Can use the controls for Course, Heading, Altitude on glareshield eyebrow, and the relocated radar control                                             |                                       |                               |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     | Can identify indicating/recording systems were installed at various locations at pilot, center, and co-pilot instrument panel.                         |                                       |                               |

| Initial Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000 |                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                         |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------|
| TASKS                                                                                                   | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                           | MOTOR SKILL LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     | Can identify annunciators that are changed, removed, or relocated (Fuel, APR, T/R, EFIS Fans, Nav, Autoflight, GPWS).                                                                                                                                                                                                                                                                               |                                 |                         |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     | Can use the 5x6-inch EADI/EHSI displays replaced by 8x10-inch EFIS displays (PFD); attitude indicator/horizontal situation indicator. Analog instruments replaced with 8x10-inch EFIS (PFD); airspeed/mach, altimeter, vertical speed, RMI. New EFIS format, control, and selections; two display control panels, one course heading panel, two digital interface units, two cursor control panels. |                                 |                         |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     | Can identify navigation display on each flight display.                                                                                                                                                                                                                                                                                                                                             |                                 |                         |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     | Can explain that the IFIS-5000 was installed for electronic charts and/or weather.                                                                                                                                                                                                                                                                                                                  |                                 |                         |

| Initial Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000 |                                                                                                                                                                            |                                                                                                                                     |                         |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                                   | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                  | MOTOR SKILL LEARNING OBJECTIVES                                                                                                     | TASK EXPECTATION RATING |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     | Can explain that the IFIS-5000 was installed for electronic charts and/or weather.<br>Can explain function of TCAS integrated with EFIS display and display control panels |                                                                                                                                     |                         |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     | can explain operation of TAWS integrated with EFIS display and display control panels                                                                                      |                                                                                                                                     |                         |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     |                                                                                                                                                                            | Can use altitude preselect and baro set.                                                                                            | Medium                  |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     |                                                                                                                                                                            | Can use IFIS 5000 to retrieve and stow information                                                                                  | Medium                  |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     |                                                                                                                                                                            | Can recognize that the analog instruments were replaced with 8x10-inch EFIS: N1, N2, ITT, Fuel Flow, Oil Pressure, Oil Temperature. | Medium                  |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     |                                                                                                                                                                            | Can perform inflight maneuvers by reference to EADI/EHSI/ALT with PFD                                                               | Medium                  |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     |                                                                                                                                                                            | Can perform instrument procedures by reference to EADI/EHSI/ALT with PFD                                                            | Medium                  |

| Initial Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000 |                                           |                                                                         |                         |
|---------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                                   | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                         | TASK EXPECTATION RATING |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     |                                           | Can perform emergency procedures by reference to EADI/EHSI/ALT with PFD | Medium                  |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                     |                                           | Can perform abnormal procedures by reference to EADI/EHSI/ALT with PFD  | Medium                  |

### 1.3.2 Recurrent Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000

| Recurrent Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000 |                                                                                                                                                        |                                 |                         |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------|
| TASKS                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                              | MOTOR SKILL LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                       | Can use the pilot and co-pilot PFD and MFD that replace the EADI/EHSI/ALT, the MFD was replaced, Replaced MFD, and identify Removed engine instruments |                                 |                         |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                       | Can use the controls for Course, Heading, Altitude on glareshield eyebrow, and the relocated radar control                                             |                                 |                         |

| Recurrent Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000 |                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                         |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------|
| TASKS                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                           | MOTOR SKILL LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                       | Can identify indicating/recording systems were installed at various locations at pilot, center, and co-pilot instrument panel.                                                                                                                                                                                                                                                                      |                                 |                         |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                       | Can identify annunciators that are changed, removed, or relocated (Fuel, APR, T/R, EFIS Fans, Nav, Autoflight, GPWS).                                                                                                                                                                                                                                                                               |                                 |                         |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                       | Can use the 5x6-inch EADI/EHSI displays replaced by 8x10-inch EFIS displays (PFD); attitude indicator/horizontal situation indicator. Analog instruments replaced with 8x10-inch EFIS (PFD); airspeed/mach, altimeter, vertical speed, RMI. New EFIS format, control, and selections; two display control panels, one course heading panel, two digital interface units, two cursor control panels. |                                 |                         |

| <b>Recurrent Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000</b> |                                                                                       |                                                                                                                                     |                                |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>TASKS</b>                                                                                                     | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                  | <b>MOTOR SKILL LEARNING OBJECTIVES</b>                                                                                              | <b>TASK EXPECTATION RATING</b> |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                              | Can identify navigation display on each flight display.                               |                                                                                                                                     |                                |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                              | Can explain that the IFIS-5000 was installed for electronic charts and/or weather.    |                                                                                                                                     |                                |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                              | Can explain function of TCAS integrated with EFIS display and display control panels  |                                                                                                                                     |                                |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                              | can explain operation of TAWS integrated with EFIS display and display control panels |                                                                                                                                     |                                |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                              |                                                                                       | Can use altitude preselect and baro set.                                                                                            | High                           |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                              |                                                                                       | Can use IFIS 5000 to retrieve and stow information                                                                                  | High                           |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                              |                                                                                       | Can recognize that the analog instruments were replaced with 8x10-inch EFIS: N1, N2, ITT, Fuel Flow, Oil Pressure, Oil Temperature. | High                           |



| Recurrent Differences from BAe-125-800A, Hawker 800 to BAe-125-800A, Hawker 800A/XP with Collins IDS-3000 |                                           |                                                                          |                         |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                                     | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                          | TASK EXPECTATION RATING |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                       |                                           | Can perform inflight maneuvers by reference to EADI/EHSI/ALT with PFD    | High                    |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                       |                                           | Can perform instrument procedures by reference to EADI/EHSI/ALT with PFD | High                    |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                       |                                           | Can perform emergency procedures by reference to EADI/EHSI/ALT with PFD  | High                    |
| Differences BAe-125-800A with EFIS-86 to BAe-125-800A with Collins Proline IDS-3000                       |                                           | Can perform abnormal procedures by reference to EADI/EHSI/ALT with PFD   | High                    |

***1.4 Differences from Bae-125-800A/XP with Honeywell to BAE-125-800A/XP with Collins Proline 21***

| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |           |                                                       |           |         |           |          |
|--------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------|-----------|---------|-----------|----------|
| Ground                                                                                     |           | Systems Integration<br>(Requires minimum Level 4 FTD) |           | Sim     |           | Checking |
| Initial                                                                                    | Recurrent | Initial                                               | Recurrent | Initial | Recurrent |          |
| 4.0                                                                                        | 2.0       | 4.0                                                   | 2.0       | N/A     | N/A       | Level B  |

### 1.4.1 Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21

| Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                                                                                                                       |                                 |                              |                         |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can describe system specific levels of automation, mode annunciations, mode changes, alerts, interactions, reversions and degradation |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can describe the monitoring procedures for each phase of flight (for example, monitor PROG or LEGS page)                              |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can describe proper interpretation of electronic displays and symbols                                                                 |                                 |                              |                         |

| Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                                                                                                                                   |                                 |                              |                         |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |

| Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                                                                                                                                   |                                 |                              |                         |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |                                 |                              |                         |

| Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                                                                                                                                |                                 |                              |                         |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                      | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can describe the operation of the airplane systems and components using correct terminology                                                    |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can describe the operation of the airplane systems and components using correct terminology                                                    |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |                                 |                              |                         |

| Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                                                                                                                                   |                                 |                              |                         |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |

| Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                           |                                                                              |                              |                         |
|----------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                              | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can verify currency of aircraft navigation data.                             |                              | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can verify successful completion of RNAV system self-tests                   |                              | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can execute initialization of RNAV system position                           |                              | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can execute retrieval and flying of a DP or STAR with appropriate transition |                              | Medium                  |

| Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                           |                                                                                           |                              |                         |
|----------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can comply with speed and/or altitude constraints associated with a DP or STAR.           |                              | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can execute making a runway change associated with a DP or STAR                           |                              | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can verify waypoints and flight plan programming                                          |                              | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can perform a manual or automatic runway update (with takeoff point shift, if applicable) |                              | Medium                  |



| Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                           |                                                                   |                              |                         |
|----------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can perform flying direct to a waypoint                           |                              | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can perform flying a course/track to a waypoint.                  |                              | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can perform interception of a course/track                        |                              | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can comply with a vectored off and execute rejoining a procedure. |                              | Medium                  |

| Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                           |                                                                            |                              |                         |
|----------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can determine cross-track error/deviation                                  |                              | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can execute insertion and deletion of a route discontinuity                |                              | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can execute removal and reselection of navigation sensor inputs.           |                              | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can confirm exclusion of a specific navigation aid or navigation aid type. |                              | Medium                  |

| Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                                       |                                                                   |                                    |                               |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                              | KNOWLEDGE<br>&<br>COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR SKILL<br>LEARNING<br>OBJECTIVES                             | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                                       | Can execute insertion and deletion of a lateral offset            |                                    | Medium                        |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                                       | Can execute a change of the arrival airport and alternate airport |                                    | Medium                        |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                                       | Can execute insertion and delete a holding pattern                |                                    | Medium                        |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                                       | Can perform instrument procedures                                 |                                    | Medium                        |

| Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                           |                                                                                      |                                                                                                                                                                                                                                  |                         |
|----------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                      | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                     | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can coordinate with crew and execute the appropriate checklist(s) in a timely manner |                                                                                                                                                                                                                                  | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           | Can perform communication with ATC as appropriate for the situation.                 |                                                                                                                                                                                                                                  | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           |                                                                                      | Can manage the risk of errors when receiving a change to assigned routing by ensuring the waypoints sequence depicted by their navigation system matches the route depicted on the appropriate chart(s) and their assigned route | Medium                  |

| Initial Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                           |                                 |                                                                                                                                     |                         |
|----------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                              | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                        | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency.             | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           |                                 | Can identify, assess, and manage risks, encompassing multiple failures or system abnormalities.                                     | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | Medium                  |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21         |                                           |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.      | Medium                  |

### 1.4.2 Recurrent Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21

| Recurrent Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                                                                                                                       |                                 |                              |                         |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can describe system specific levels of automation, mode annunciations, mode changes, alerts, interactions, reversions and degradation |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can describe the monitoring procedures for each phase of flight (for example, monitor PROG or LEGS page)                              |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can describe proper interpretation of electronic displays and symbols                                                                 |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can describe the operation of the airplane systems and components using correct terminology                                           |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                    |                                 |                              |                         |

| Recurrent Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                                                                                                                                   |                                 |                              |                         |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |                                 |                              |                         |

| Recurrent Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                                                                                                                                   |                                 |                              |                         |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |



| Recurrent Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                                                                                                                                   |                                 |                              |                         |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |

| Recurrent Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                           |                                                                                 |                              |                         |
|------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can verify currency of aircraft navigation data.                                |                              | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can verify successful completion of RNAV system self-tests                      |                              | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can execute initialization of RNAV system position                              |                              | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can execute retrieval and flying of a DP or STAR with appropriate transition    |                              | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can comply with speed and/or altitude constraints associated with a DP or STAR. |                              | High                    |

| Recurrent Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                           |                                                                                           |                              |                         |
|------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can execute making a runway change associated with a DP or STAR                           |                              | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can verify waypoints and flight plan programming                                          |                              | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can perform a manual or automatic runway update (with takeoff point shift, if applicable) |                              | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can perform flying direct to a waypoint                                                   |                              | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can perform flying a course/track to a waypoint.                                          |                              | High                    |

| Recurrent Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                           |                                                                   |                              |                         |
|------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                   | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can perform interception of a course/track                        |                              | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can comply with a vectored off and execute rejoining a procedure. |                              | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can determine cross-track error/deviation                         |                              | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can execute insertion and deletion of a route discontinuity       |                              | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can execute removal and reselection of navigation sensor inputs.  |                              | High                    |

| Recurrent Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                                    |                                                                            |                                    |                               |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------|------------------------------------|-------------------------------|
| TASKS                                                                                                | KNOWLEDGE &<br>COGNITIVE<br>LEARNING<br>OBJECTIVES | MOTOR<br>SKILL<br>LEARNING<br>OBJECTIVES                                   | ATTITUDE<br>LEARNING<br>OBJECTIVES | TASK<br>EXPECTATION<br>RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                                    | Can confirm exclusion of a specific navigation aid or navigation aid type. |                                    | High                          |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                                    | Can execute insertion and deletion of a lateral offset                     |                                    | High                          |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                                    | Can execute a change of the arrival airport and alternate airport          |                                    | High                          |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                                    | Can execute insertion and delete a holding pattern                         |                                    | High                          |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                                    | Can perform instrument procedures                                          |                                    | High                          |

| Recurrent Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                           |                                                                                      |                                                                                                                                                                                                                                  |                         |
|------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                      | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                     | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can coordinate with crew and execute the appropriate checklist(s) in a timely manner |                                                                                                                                                                                                                                  | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           | Can perform communication with ATC as appropriate for the situation.                 |                                                                                                                                                                                                                                  | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           |                                                                                      | Can manage the risk of errors when receiving a change to assigned routing by ensuring the waypoints sequence depicted by their navigation system matches the route depicted on the appropriate chart(s) and their assigned route | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           |                                                                                      | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency.                                                                                                          | High                    |

| Recurrent Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21 |                                           |                                 |                                                                                                                                     |                         |
|------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                                | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                        | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           |                                 | Can identify, assess, and manage risks, encompassing multiple failures or system abnormalities.                                     | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | High                    |
| Differences from BAe-125-800A/XP with Honeywell to BAe-125-800A/XP with Collins Proline 21           |                                           |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.      | High                    |

### ***1.5 Differences from Bae-125-800A/XP with Proline 21 to Bae-125-800A/XP with Honeywell***

| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |           |                                                    |           |         |           |          |
|------------------------------------------------------------------------------------|-----------|----------------------------------------------------|-----------|---------|-----------|----------|
| Ground                                                                             |           | Systems Integration (Requires minimum Level 4 FTD) |           | Sim     |           | Checking |
| Initial                                                                            | Recurrent | Initial                                            | Recurrent | Initial | Recurrent |          |
| 4.0                                                                                | 2.0       | 4.0                                                | 2.0       | N/A     | N/A       | Level B  |

### 1.5.1 Initial Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell

| Initial Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                                                                                                                       |                                 |                              |                         |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         | Can describe system specific levels of automation, mode annunciations, mode changes, alerts, interactions, reversions and degradation |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         | Can describe the monitoring procedures for each phase of flight (for example, monitor PROG or LEGS page)                              |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         | Can describe proper interpretation of electronic displays and symbols                                                                 |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         | Can describe the operation of the airplane systems and components using correct terminology                                           |                                 |                              |                         |



| Initial Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                                                                                                                                   |                                 |                              |                         |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |                                 |                              |                         |

| Initial Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                                                                                                                                   |                                 |                              |                         |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |

| <b>Initial Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell</b> |                                                                                                                                                |                                        |                                     |                                |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------|--------------------------------|
| <b>TASKS</b>                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                           | <b>MOTOR SKILL LEARNING OBJECTIVES</b> | <b>ATTITUDE LEARNING OBJECTIVES</b> | <b>TASK EXPECTATION RATING</b> |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                                        |                                     |                                |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                | Can describe the operation of the airplane systems and components using correct terminology                                                    |                                        |                                     |                                |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                             |                                        |                                     |                                |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device |                                        |                                     |                                |

| <b>Initial Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell</b> |                                                                                                                                                   |                                                            |                                     |                                |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------|--------------------------------|
| <b>TASKS</b>                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b>                                                                                              | <b>MOTOR SKILL LEARNING OBJECTIVES</b>                     | <b>ATTITUDE LEARNING OBJECTIVES</b> | <b>TASK EXPECTATION RATING</b> |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |                                                            |                                     |                                |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                                            |                                     |                                |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                                                                                                                   | Can verify currency of aircraft navigation data.           |                                     | Medium                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                                                                                                                   | Can verify successful completion of RNAV system self-tests |                                     | Medium                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                                                                                                                   | Can execute initialization of RNAV system position         |                                     | Medium                         |

| Initial Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                           |                                                                                           |                              |                         |
|--------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| TASKS                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         |                                           | Can execute retrieval and flying of a DP or STAR with appropriate transition              |                              | Medium                  |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         |                                           | Can comply with speed and/or altitude constraints associated with a DP or STAR.           |                              | Medium                  |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         |                                           | Can execute making a runway change associated with a DP or STAR                           |                              | Medium                  |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         |                                           | Can verify waypoints and flight plan programming                                          |                              | Medium                  |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         |                                           | Can perform a manual or automatic runway update (with takeoff point shift, if applicable) |                              | Medium                  |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         |                                           | Can perform flying direct to a waypoint                                                   |                              | Medium                  |

| <b>Initial Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell</b> |                                                      |                                                                   |                                     |                                |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------|--------------------------------|
| <b>TASKS</b>                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b> | <b>MOTOR SKILL LEARNING OBJECTIVES</b>                            | <b>ATTITUDE LEARNING OBJECTIVES</b> | <b>TASK EXPECTATION RATING</b> |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                      | Can perform flying a course/track to a waypoint.                  |                                     | Medium                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                      | Can perform interception of a course/track                        |                                     | Medium                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                      | Can comply with a vectored off and execute rejoining a procedure. |                                     | Medium                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                      | Can determine cross-track error/deviation                         |                                     | Medium                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                      | Can execute insertion and deletion of a route discontinuity       |                                     | Medium                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                      | Can execute removal and reselection of navigation sensor inputs.  |                                     | Medium                         |

| <b>Initial Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell</b> |                                                      |                                                                                      |                                     |                                |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------|--------------------------------|
| <b>TASKS</b>                                                                                      | <b>KNOWLEDGE &amp; COGNITIVE LEARNING OBJECTIVES</b> | <b>MOTOR SKILL LEARNING OBJECTIVES</b>                                               | <b>ATTITUDE LEARNING OBJECTIVES</b> | <b>TASK EXPECTATION RATING</b> |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                      | Can confirm exclusion of a specific navigation aid or navigation aid type.           |                                     | Medium                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                      | Can execute insertion and deletion of a lateral offset                               |                                     | Medium                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                      | Can execute a change of the arrival airport and alternate airport                    |                                     | Medium                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                      | Can execute insertion and delete a holding pattern                                   |                                     | Medium                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                      | Can perform instrument procedures                                                    |                                     | Medium                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell                |                                                      | Can coordinate with crew and execute the appropriate checklist(s) in a timely manner |                                     | Medium                         |

| Initial Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                           |                                                                      |                                                                                                                                                                                                                                  |                         |
|--------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                      | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                     | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         |                                           | Can perform communication with ATC as appropriate for the situation. |                                                                                                                                                                                                                                  | Medium                  |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         |                                           |                                                                      | Can manage the risk of errors when receiving a change to assigned routing by ensuring the waypoints sequence depicted by their navigation system matches the route depicted on the appropriate chart(s) and their assigned route | Medium                  |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         |                                           |                                                                      | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency.                                                                                                          | Medium                  |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         |                                           |                                                                      | Can identify, assess, and manage risks, encompassing multiple failures or system abnormalities.                                                                                                                                  | Medium                  |



| Initial Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                           |                                 |                                                                                                                                     |                         |
|--------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                      | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                        | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | Medium                  |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell         |                                           |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.      | Medium                  |

### 1.5.2 Recurrent Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell

| Recurrent Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                                                                                                                       |                                 |                              |                         |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                             | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can describe system specific levels of automation, mode annunciations, mode changes, alerts, interactions, reversions and degradation |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can describe the monitoring procedures for each phase of flight (for example, monitor PROG or LEGS page)                              |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can describe proper interpretation of electronic displays and symbols                                                                 |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can describe the operation of the airplane systems and components using correct terminology                                           |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                    |                                 |                              |                         |

| Recurrent Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                                                                                                                                   |                                 |                              |                         |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|-------------------------|
| TASKS                                                                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |                                 |                              |                         |

| Recurrent Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                                                                                                                                   |                                 |                              |                         |
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| TASKS                                                                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |

| Recurrent Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                                                                                                                                   |                                 |                              |                         |
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| TASKS                                                                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES                                                                                                         | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can explain all notes cautions or warnings listed in the OEM manuals & OEM manuals                                                                |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can use the appropriate checklists and NORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem or device    |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can use the appropriate checklists and ABNORMAL procedures to demonstrate or describe the proper use of the airplane system, subsystem, or device |                                 |                              |                         |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           | Can describe the operation of the airplane systems and components using correct terminology                                                       |                                 |                              |                         |

| Recurrent Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                           |                                                                                 |                              |                         |
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| TASKS                                                                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                 | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can verify currency of aircraft navigation data.                                |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can verify successful completion of RNAV system self-tests                      |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can execute initialization of RNAV system position                              |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can execute retrieval and flying of a DP or STAR with appropriate transition    |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can comply with speed and/or altitude constraints associated with a DP or STAR. |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can execute making a runway change associated with a DP or STAR                 |                              | High                    |

| Recurrent Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                           |                                                                                           |                              |                         |
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| TASKS                                                                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                           | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can verify waypoints and flight plan programming                                          |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can perform a manual or automatic runway update (with takeoff point shift, if applicable) |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can perform flying direct to a waypoint                                                   |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can perform flying a course/track to a waypoint.                                          |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can perform interception of a course/track                                                |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can comply with a vectored off and execute rejoining a procedure.                         |                              | High                    |

| Recurrent Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                           |                                                                            |                              |                         |
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| TASKS                                                                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                            | ATTITUDE LEARNING OBJECTIVES | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can determine cross-track error/deviation                                  |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can execute insertion and deletion of a route discontinuity                |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can execute removal and reselection of navigation sensor inputs.           |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can confirm exclusion of a specific navigation aid or navigation aid type. |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can execute insertion and deletion of a lateral offset                     |                              | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can execute a change of the arrival airport and alternate airport          |                              | High                    |



| Recurrent Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                           |                                                                                      |                                                                                                                                                                                                                                  |                         |
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| TASKS                                                                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES                                                      | ATTITUDE LEARNING OBJECTIVES                                                                                                                                                                                                     | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can execute insertion and delete a holding pattern                                   |                                                                                                                                                                                                                                  | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can perform instrument procedures                                                    |                                                                                                                                                                                                                                  | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can coordinate with crew and execute the appropriate checklist(s) in a timely manner |                                                                                                                                                                                                                                  | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           | Can perform communication with ATC as appropriate for the situation.                 |                                                                                                                                                                                                                                  | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           |                                                                                      | Can manage the risk of errors when receiving a change to assigned routing by ensuring the waypoints sequence depicted by their navigation system matches the route depicted on the appropriate chart(s) and their assigned route | High                    |

| Recurrent Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell |                                           |                                 |                                                                                                                                     |                         |
|----------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| TASKS                                                                                        | KNOWLEDGE & COGNITIVE LEARNING OBJECTIVES | MOTOR SKILL LEARNING OBJECTIVES | ATTITUDE LEARNING OBJECTIVES                                                                                                        | TASK EXPECTATION RATING |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to follow proper procedures or checklists in an emergency.             | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           |                                 | Can identify, assess, and manage risks, encompassing multiple failures or system abnormalities.                                     | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           |                                 | Can identify, assess, and manage risks, encompassing failure to consider altitude, wind, terrain, and obstructions in an emergency. | High                    |
| Differences from BAe-125-800A/XP with Proline 21 to BAe-125-800A/XP with Honeywell           |                                           |                                 | Can identify, assess, and manage risks, encompassing distractions, loss of situational awareness, or improper task management.      | High                    |