Transport Jet Airlines

(Aircraft type e.g., Twin Jet B737)

AQP Continuing Qualification (CQ) Curriculum Outline (Template)

REVISION NUMBER	REVISION DATE	REVISION NUMBER	REVISION DATE
Original			

List of Effective Pages

TWIN JET CONTINUING QUALIFICATION TRAINING INTRODUCTION

This AQP Pilot Continuing Qualification Curriculum outline contains the syllabi and flight checks, including major topics or maneuvers, programmed hours, and supplementary information for the training courses listed below.

Scheduling of courses will be every 12 calendar months. In accordance with 14 CFR 121.903(e) and Transport Airlines' AQP, whenever a pilot takes continuing qualification, or a flight check in the calendar month before or after the calendar month when the training/check was due, he/she is considered to have completed in the calendar month required.

The curriculum below will be used to train and evaluate our pilots in the Twin Jet series aircraft.

COURSE	EVALUATION REQUIRED	TRAINING HOURS
Twin Jet CQ Ground Training: - Distributed Materials	Examination	14 2
Twin Jet CQ Emergency	N/A	1
Twin Jet CQ Crewmember Security	N/A	1
Twin Jet CQ Simulator	LOE	10
Twin Jet Pilot Line Check	Line Check[1]	N/A

NOTE:

1. Captains must pass a line check 6 months, plus or minus one month after their CQ LOE.

SEGMENT: TWIN JET Continuing Qualification Ground Training

Total Segment Hours: 16 hours (includes 2 hours of distributed material)

TRAINING OBJECTIVE: Ensure that each flight crew member is current and proficient with their aircraft and crew duty position.

Rotational Modules: (Every Other Evaluation Period)

Anti-Ice Rain	Automatic Flight System
Oxygen	Communication
Warning System	Flight Instrument
Lighting	Navigation
Aircraft General	

Modules not listed above will be covered every evaluation period.

MODULE 1: GENERAL OPERATIONS SUBJECTS - (TPO/SPO Ref: ___)

LESSON 1:
Flight Manuals (Ref: ___)

Lesson Element:
Revision Control of Company and Aircraft Manuals
Format of Company and Aircraft Manuals
Appropriate Usage of All Manuals

LESSON 2:
Flight Planning (Ref: ____)

Lesson Element:
Dispatch
Weight and Balance
Performance
Weather
Aircraft Operating Limitations
MEL/CDL/DDPG

LESSON 3:
Operations Specifications (Ref: __)

Lesson Element:
Preflight
Departure/Takeoff
Enroute
Arrival and Landing

LESSON 4:
Flight Standards (Ref: ____)

Lesson Element:
General Information
Profiles/Procedures
Training
Proficiency

LESSON 5:
ATC Procedures (Ref: _____)

Lesson Element:
Route System
Phraseology
Emergencies

LESSON 6:
Windshear and Microburst Phenomena (Ref: ___)

Lesson Element:
Description
Recognition
Avoidance
Precautions
Recovery Procedures

LESSON 7:
Wake Turbulence (Ref: _____)

Lesson Element:
Description
Recognition
Pilot Technique
Precautions/Planning

LESSON 8:
Airports Training (Ref: _____)

Lesson Element:
Runway Lights and Markings
New Airport Data

LESSON 9:
Dangerous Goods/Hazardous Materials (Ref: ____)

Lesson Element:
Procedures Policies
Flight Operations Manual
Notification
Emergencies

LESSON 10:
Threat and Error Management (Ref: ____)

Lesson Element:
Communications
Situational Awareness
Planning and Decision Making
Workload/Crew management

MODULE 2: AIRCRAFT SYSTEMS SUBJECTS (TPO/SPO Ref: _____)

LESSON 1:
Aircraft General, Emergency Equipment, Doors and Windows (Ref: _____)

Lesson Element:
Description
Equipment and Furnishings
Limitations
Normal and Non-Normal Procedures
Emergency Procedures

LESSON 2:
Lighting Systems (Ref: ____)

Lesson Element:
Description
Control and Indicators

Normal and Non-Normal Procedures

LESSON 3:
Oxygen System (Ref: ____)

Lesson Element:
Description
Control and Indicators
Normal and Abnormal Procedures

LESSON 4:
Air Systems (Ref: ____)

Lesson Element:
Description
Control and Indicators
Limitations
Normal Procedures
Supplementary Procedures
Normal and Abnormal Procedures

LESSON 5:
Anti-Ice Rain Systems (Ref: _____)

Lesson Element:
Description
Control and Indicators
Limitations
Normal Procedures
Supplementary Procedures
Normal and Abnormal Procedures

LESSON 6:
Automatic Flight System (Ref: ____)

Lesson Element:
Description
Control and Indicators
Limitations
Normal and Abnormal Procedures
Supplementary Procedures

LESSON 7:

Communication Systems (Ref: ____)

Lesson Element:
Description
Flight Controls and Indicators
Limitations
Normal and Abnormal Procedures

LESSON 8:
Electrical System (Ref: ____)

Lesson Element:
Description
Control and Indicators
Normal Procedures
Emergency Procedures
Normal and Abnormal Procedures

LESSON 9:
Engines, APU (Ref: ____)

Lesson Element:
Description
Control and Indicators
Limitations
Normal Procedures
Normal and Abnormal Procedures
Emergency Procedures

LESSON 10:
Fire Protection System (Ref: ____)

Lesson Element:
Description
Control and Indicators
Normal and Abnormal Procedures

LESSON 11:
Flight Control System (Ref: ____)

Lesson Element:
Description

Control and Indicators
Limitations
Normal Procedures
Emergency Procedures
Normal and Abnormal Procedures

LESSON 12:
Flight Instruments, Displays (Ref: ____)

AQP Pilot Training Curriculums CONTINUING QUALIFICATION

Lesson Element:
Description
Control and Indicators
Normal and Abnormal Procedures

LESSON 13:
Flight Management, Navigation Systems (Ref: ____)

Lesson Element:
Description
Control and Indicators
Limitations
Normal and Abnormal QRH Procedures
Supplemental Procedures

LESSON 14:
Fuel System (Ref: ___)

Lesson Element:
Description
Control and Indicators
Limitations
Normal Procedures
Supplemental Procedures
Normal and Abnormal QRH Procedures

LESSON 15:
Hydraulic System (Including Landing Gear and Brakes) (Ref: ____)

Lesson Element:
Description
Control and Indicators
Limitations
Normal Procedures

Normal and Abnormal QRH Procedures
Emergency Procedures

LESSON 15:
Warning Systems (Ref: ___)

Lesson Element:
Description
Control and Indicators
Normal and Abnormal QRH Procedures
Emergency Procedures

MODULE 3: DISTRIBUTED MATERIALS

LESSON 1:
Written Reviews

Lesson Element:
HAZMAT
ATC Review
System Review

MODULE 4: EVALUATION

LESSON 1:
Course Completion

Lesson Element:
Written/Oral Exam on General Operational Subjects
Written/Oral on Aircraft Systems Subjects
Written Exam on Limitations
Written Exam on Emergency and Abnormal Procedures
Critique

AQP Pilot Training Curriculums CONTINUING QUALIFICATION

SEGMENT: TWIN JET - Emergency Training

Total Segment Hours: 1.0

TRAINING OBJECTIVE: Ensure that each crewmember is knowledgeable and proficient with emergency assignments and procedures with "hands on" experience emphasis and individual drills with appropriate equipment so that each crewmember is informed about aviation physiology.

MODULE 1: EMERGENCY HANDS-ON DRILLS
(TPO/SPO Ref: ____)

LESSON 1:
Hand-Held Fire Extinguishers (Halon and H2O)

Lesson Element:
Location of Fire Extinguishers
Removal of Fire Extinguishers
Operation of Fire Extinguishers

LESSON 2:
Emergency Oxygen Equipment

Lesson Element:
Passenger Walkaround Bottle and Mask

a. Location
b. Removal
c. Operation

Protective Breathing Equipment (PBE)
a. Location
b. Removal
c. Operation

Crew Oxygen Masks, Regulators, and Goggles
a. Location
b. Removal
c. Operation

LESSON 3:
Emergency Exits and Slides

Lesson Element:
Over wing Exits
- a. Open the Exit
- b. Operation of Escape Strap

Cockpit Sliding Windows
- a. Open the Exit
- b. Use of Escape Strap

Cabin Doors
- a. Open Exit in Normal Mode Using Aircraft or Trainer
- b. Operate Exit in Emergency Mode (With Approved Training Device Simulating Slide Pressure)
- c. Open Aft Stair in Normal Mode (Approved Training Device or Video)
- d. Operate Aft Stair in Emergency Mode (Approved Training Device)

LESSON 4:
Flotation Devices

Lesson Element:
Life Vest
- a. Location
- b. Removal
- c. Operation

Seat Cushions
- a. Location
- b. Removal
- c. Operation

MODULE 2: EMERGENCY DRILLS
(Ref: ____)

LESSON 1:
Raft

Lesson Element:
Observe removal of each type of raft

LESSON 2:
Slide and Emergency Evacuation

Lesson Element:
Observe Deployment, Inflation, and Detachment of Each Type Slide

Observe Emergency Evacuation including the Use of a Slide

MODULE 3: EMERGENCY SITUATION TRAINING (TPO/SPO Ref: _____)

LESSON 1:
Company Emergency Procedures

Lesson Element:
Flight Operations Manual Chapter ___
Declaring an Emergency
Emergency Landing Conditions

LESSON 2:
Flight Crew Member Duties and Responsibilities

Lesson Element:
Emergency Assignments
Captain's Emergency Authority (FAR 121.557)
Accident/Incident Reporting to NTSB/ FAA
Emergency Communications and Procedures
- a. Cockpit to Cabin
- b. Cabin to Cockpit
- c. ATC and Company

LESSON 3:
First Aid Equipment

Lesson Element:
Contents of First Aid Kit
- a. Location
- b. Use

Emergency Medical Kit
- a. Location
- b. Removal
- c. Use of emergency medical by the crew
- d. Reports

LESSON 4:
Illness or Injury of Passenger and/or Crew Members

Lesson Element:
Procedures Reports

LESSON 5:
Ditching

Lesson Element:
Individual Floatation Devices (Cockpit and Cabin)
Evacuation Procedures

LESSON 6:
Evacuation

Lesson Element:
Briefings
Cabin and Cockpit Preparation
Special Passengers
Megaphone

LESSON 7:
Rapid Decompression

Lesson Element:
Respiration Hypoxia
Duration of Consciousness
Gas Expansion
Physical Phenomena and Incidents

LESSON 8:
Cabin/Cockpit Fires, Smoke and/or Fumes

Lesson Element:
Smoke Control
Incidents
Protective Breathing Equipment (PBE)

LESSON 9:
Accident/Incidents and General Problems

Lesson Element:
NTSB Reports
Company Irregularity Reports

LESSON 10:
Crew Member Incapacitation

Lesson Element:
Procedures
Reports

MODULE 4: EVALUATION

LESSON 1:
Course Completion

Lesson Element:
Written/Electronic/Oral Examination
LOE

SEGMENT: TWIN JET RECURRENT CREWMEMBER SECURITY

Total Segment Hours:	To Be Developed By Your Airline
TRAINING OBJECTIVE:	To provide crewmembers with security training in compliance with the FAA Air Carrier Standard Security Program and the Aviation Transportation Security Act, Section 107: Crew Training. Familiarizes Pilots with necessary procedures in the handling of Security both on the aircraft and in the airport Facilities. (Ref: __)

MODULE 1: SECURITY TRAINING

NOTE: THIS TRAINING IS TO BE DEVELOPED IN COORDINATE WITH YOUR AIRLINE'S FAA Principal Security Inspector (PSI).

AQP Pilot Training Curriculums CONTINUING QUALIFICATION

SEGMENT: TWIN JET Pilot Continuing Qualification Simulator

Total Segment Hours: 8 Hours Simulator
4 Hours Briefing/Debriefing

TRAINING OBJECTIVE: Ensure that each crew member is proficient in their aircraft type and assigned crew duty position

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MODULE 1: ENGINE START AND PUSHBACK, and ENGINE AFTER START PROCEDURE (____)

LESSON 1:
Perform Engine Start Procedure (_____)
Perform After Start Procedure and After Start Checklist (_____)

Lesson Element:
Pushback - Tow Out Procedure (____)
Pushback – Tow Out APU Inoperative Procedure (_____)

LESSON EVALUATION:
Validate:
Engine Start Procedure (____)
After Start Procedure and After Start Checklist (_____)

Sample:
Pushback - Tow Out Procedure (_____)
Pushback - Tow Out APU Inoperative Procedure (_____)

MODULE 2: NON-NORMAL TAKEOFF PROCEDURE (_____)

LESSON 1:
Perform Instrument Takeoff Procedure (_____)

LESSON EVALUATION:

Validate:
Instrument Takeoff (_____)

LESSON 2:
Perform Rejected Takeoff Procedure (_____)

LESSON EVALUATION:
Validate: First Look
Rejected Takeoff (____)

MODULE 3: HOLDING (___)

LESSON 1:
Perform Holding Procedure (____)

LESSON EVALUATION:
Oral Exam:
Holding Procedure (____)

MODULE 4: INSTRUMENT APPROACH PROCEDURE (____)

LESSON 1:
Perform Instrument Approach Procedure (_____)

LESSON EVALUATION:
Validate:
Instrument Approach Preparation (____)

LESSON 2:
Perform Standard Callouts (_____)
Complete Landing Procedure and Checklist (____)

LESSON EVALUATION:
Validate:
Standard Callouts (____)
Landing Checklist (____)

LESSON 3:
Perform Precision Approach Procedure (____)

Lesson Element:

Manually Flown Precision Approach Procedure (____) Autopilot Coupled Precision Approach Procedure (____)

LESSON EVALUATION:
Validate: First Look
Precision Approach Procedure (_____)

Sample:
Manually Flown Precision Approach (_____)
Autopilot Coupled Precision Approach (_____)

LESSON 4:
Perform Non-Precision Approach Procedure (_____)

Lesson Element:
RNAV Approach
LOC Approach
LOC/BC Approach
LDA Approach
VOR Approach
NDB Approach

LESSON EVALUATION:
Validate:
Non-Precision Approach (____)
Train to Proficiency:
Another Non-Precision Approach (Captain) (_____)

Sample:
RNAV Approach
LOC Approach
LOC/BC Approach
LDA Approach
VOR Approach
NDB Approach

LESSON 5:
Perform Visual Traffic Pattern Procedure (____)

LESSON EVALUATION:
Visual Traffic Pattern (_____)

MODULE 5: MISSED APPROACH (_____)

LESSON 1:
Perform Missed Approach Procedure (_____)

Lesson Element:
Precision Approach Missed Approach Procedure
Non-Precision Approach Missed Approach Procedure

LESSON EVALUATION:
Validate:
Missed Approach (_____)

Sample:
Precision Approach to a Missed Approach
Non-Precision Approach to a Missed Approach

MODULE 6: LANDING (_____)

LESSON 1:
Perform Landing Procedure (____)

Lesson Element:
Perform Landing from a Precision Approach Procedure (____) Perform Landing Roll Procedure (____)
Apply Land and Hold Short Operations (____)

LESSON EVALUATION:
Validate:
Landing Procedure (____)

Sample:
Landing from a Precision Approach (_____)
Land and Hold Short Operations (____) (Oral Exam)

MODULE 7: REJECTED LANDING (____)

LESSON 1:
Perform Rejected Landing Procedure (____)

LESSON EVALUATION:
Validate:
Rejected Landing (____)

MODULE 8: ONE ENGINE INOPERATIVE PROCEDURE (____)

LESSON 1:
Perform Takeoff - Engine Failure at or after V1 Procedure (_____)

LESSON EVALUATION:
Validate: First Look
Engine Failure at or after V1 (____)

LESSON 2:
Perform One Engine Inoperative Flight Procedure (_____)

Lesson Element:
One Engine Inoperative Climb Procedure (___)
One Engine Inoperative Cruise Procedure (____)

LESSON EVALUATION:
Validate:
One Engine Inoperative Flight (____)

Sample:
Engine Inoperative Climb (____) Engine
Inoperative Cruise (_____)

LESSON 3:
Perform One Engine Inoperative Precision Approach Procedure (____)

LESSON EVALUATION:
Validate: First Look
One Engine Inoperative Precision Approach (____)

LESSON 4:
Perform Other One Engine Inoperative Approach Procedure (___)

Lesson Element:
One Engine Inoperative Non-Precision Approach Procedure (____)
One Engine Inoperative Circling Approach Procedure (___)
Perform Engine Failure on Final Approach Procedure (____)

LESSON EVALUATION:
Train to Proficiency:
Other One Engine Inoperative Approach (____)

Sample:
One Engine Inoperative Non-Precision Approach (____)
One Engine Inoperative Circling Approach (_____)
Engine Failure on Final Approach (_____)

LESSON 5:
Perform One Engine Inoperative Missed Approach Procedure (_____)

LESSON EVALUATION:
Validate:
One Engine Inoperative Missed Approach (____)

LESSON 6:
Perform One Engine Inoperative Visual Traffic Pattern Procedure (____)

LESSON EVALUATION:
Validate: First Look
One Engine Inoperative Visual Traffic Pattern (____)

LESSON 7:
Perform One Engine Inoperative Landing Procedure (____)

LESSON EVALUATION:
Validate:
One Engine Inoperative Landing (____)

MODULE 9: SUPPLEMENTAL MANEUVERS (___)

LESSON 1:
Perform GPWS Terrain Avoidance Procedure (____)

LESSON EVALUATION:
Train to Proficiency:
GPWS Terrain Avoidance Procedure (____)

LESSON 2:
Perform Windshear/Microburst Recovery Procedure (____)

Lesson Element:
Departure Windshear/Microburst Recovery Procedure (____) Approach Windshear/Microburst Recovery Procedure (_____)

LESSON EVALUATION:
Train to Proficiency:
Windshear/Microburst Recovery (____)

Sample:
Departure Windshear/Microburst (_____)
Approach Windshear/Microburst (_____)

LESSON 3:
Approach to Stall and Recovery (_____)

Lesson Element:
Approach to Stall and Recovery Procedure (_____)

LESSON EVALUATION:
Train to Proficiency:

Approach to Stall and Recovery (_____)

LESSON 4:
Perform Adverse Weather Supplementary Procedure (____)

Lesson Element:
Cold Weather Operations (_____) Hot
Weather Operations (_____)
Engine Operation in Heavy Rain and/or Hail (_____)
Severe Turbulence Operations (_____)

LESSON EVALUATION:
Train to Proficiency:
Adverse Weather Supplementary Procedure (_____)

Sample:
Cold Weather Operations (_____)
Hot Weather Operations (_____)
Engine Operation in Heavy Rain and/or Hail (_____) Severe
Turbulence Operations (_____)

MODULE 10: NON-NORMAL QRH RECALL PROCEDURE (____)
Evaluated during ground school and a sampling of abnormal and emergencies will be evaluated during maneuver validation and LOE.

LESSON 1:
Engine RECALL Procedure (_____)

Lesson Element:
Aborted Engine Starts Procedure (_____)
Engine Overheat Procedure (_____)
Engine Fire, Severe Damage or Separation Procedure (_____)
Engine Limit/Surge/Stall Procedure (_____) Loss
of Thrust on Both Engines (_____)

LESSON EVALUATION:
Sample:
Aborted Engine Starts Procedure (_____)
Engine Overheat Procedure (_____)
Engine Fire, Severe Damage or Separation Procedure (_____)
Engine Limit/Surge/Stall Procedure (_____) Loss
of Thrust on Both Engines (_____)

LESSON 2:
Air Conditioning, Pressurization and Pneumatics Procedures (_____)

Lesson Element:
Rapid Depressurization Procedure (_____)
Emergency Descent Procedure (_____)

LESSON EVALUATION:
Sample:
Rapid Depressurization Procedure (_____)
Emergency Descent Procedure (_____)

LESSON 3:
Fire and/or Smoke Procedures (_____)

Lesson Element:
APU Fire Procedure (_____)
Wheel Well Fire Procedure (_____)
Electrical Smoke/Fumes or Fire Procedure (_____)
Smoke/Fumes Removal Procedure (_____)

LESSON EVALUATION:
Sample:
APU Fire Procedure (_____)
Wheel Well Fire Procedure (_____)
Electrical Smoke/Fumes or Fire Procedure (_____)
Smoke/Fumes Removal Procedure (_____)

LESSON 4:
Flight Controls RECALL Procedure (_____)

Lesson Element:
Runaway Stabilizer Procedure (_____)
Uncommanded Yaw or Roll Procedure (_____)
Uncommanded Rudder Procedure

LESSON EVALUATION:
Sample:
Runaway Stabilizer Procedure (_____)
Uncommanded Yaw or Roll Procedure (_____)
Uncommanded Rudder Procedure

LESSON 5:
Passenger Evacuation Procedure (_____)

LESSON EVALUATION:

Sample:
Passenger Evacuation Procedure (_____)

LESSON 6:
Warning Systems and Airspeed Unreliable Procedure (_____)

Lesson Element:
Configuration Warning Procedure (_____)
Ground Proximity Alert Procedure (_____)
Overspeed Procedure (_____)
Airspeed Unreliable Procedure (_____)

LESSON EVALUATION:
Sample:
Configuration Warning Procedure (_____)
Ground Proximity Alert Procedure (_____)
Overspeed Procedure (_____)
Airspeed Unreliable Procedure (_____)

MODULE 11: ABNORMAL QRH REFERENCE PROCEDURE (____)
Evaluated during ground school and a sampling of abnormal and emergencies will be evaluated during maneuver validation and LOE.

LESSON 1:
APU and Electrical QRH Reference Procedure (_____)

Lesson Element:
APU Reference Procedure (_____) Electrical
Reference Procedure (_____)

LESSON EVALUATION:
Sample:
APU Reference Procedure (_____) Electrical
Reference Procedure (_____)

LESSON 2:
Engine and Fuel Reference Procedure (_____)

Lesson Element:
Engine Reference Procedure (_____)
Engine Oil Reference Procedure (_____)
Thrust Reverser Reference Procedure (_____)
Volcanic Ash Reference Procedure (_____)
Fuel Reference Procedure (_____)

LESSON EVALUATION:
Sample:
Engine Reference (TBD) Procedure (_____)

Engine Oil Reference Procedure (_____)
Thrust Reverser Reference Procedure (_____)
Volcanic Ash Reference Procedure (_____)
Fuel Reference Procedure (_____)

LESSON 3:
Air Systems and Anti-Ice & Rain Reference (_____)

Lesson Element:
Air Conditioning Smoke/Fumes, Auto Fail, Bleed Trip Off, Dual Bleed, Dual Overheat, Equipment Cooling Off, Off Schedule Descent, Pack Trip-Off, Unscheduled Pressurization Change, and Wing-Body Overheat Reference Procedure (_____)
Anti-Ice, Rain, Abnormal Reference Procedure (_____)

LESSON EVALUATION:
Sample:
Air Conditioning Smoke/Fumes, Auto Fail, Bleed Trip Off, Dual Bleed, Dual Overheat, Equipment Cooling Off, Off Schedule Descent, Pack Trip-Off, Unscheduled Pressurization Change, and Wing-Body Overheat Reference Procedure (_____)
Anti-Ice, Rain, Abnormal Reference Procedure (_____)

LESSON 4:
Hydraulics, Flight Controls and Landing Gear Reference Procedure (_____)

Lesson Element:
Hydraulic Pump Low Pressure, Hydraulic Pump Overheat, Loss of System A, Loss of System B, Manual Reversion, Standby Hydraulic Low Pressure and Standby Hydraulic Low Quantity Reference Procedure (_____)
Loss of System B Reference Procedure (_____) Loss of System A Reference Procedure (_____) Manual Reversion Reference Procedure (_____)
Flaps/Slats Abnormal Reference Procedures (_____)
Flight Control Panel and Speedbrake Reference Procedures (_____)
Jammed Flight Controls and Stabilizer Out of Trim Reference Procedure (_____)
Brakes Abnormal Reference Procedure (_____)
Landing Gear Reference Procedure (_____)

LESSON EVALUATION:
Sample:
Hydraulic Pump Low Pressure, Hydraulic Pump Overheat, Loss of System A, Loss of System B, Manual Reversion, Standby Hydraulic Low Pressure and Standby Hydraulic Low Quantity Reference Procedure (_____)
Loss of System B Reference Procedure (_____) Loss of System A Reference Procedure (_____)
Manual Reversion Reference Procedure (_____) Flaps/Slats Abnormal Reference Procedures (_____)
Flight Control Panel and Speedbrake Reference Procedures (_____) Jammed Flight Controls and Stabilizer Out of Trim Reference Procedure (_____)
Brakes Abnormal Reference Procedure (_____) Landing Gear Reference Procedure (_____)

LESSON 5:
Ditching, Doors, Emergency Equipment, Cargo Fire, Lavatory Smoke, and Tail Strike on Takeoff Reference Procedures (_____)

Lesson Element:
Ditching Reference Procedure (_____)
ELT, Emergency Exit Light Not Armed and Passenger Oxygen On Reference Procedures (_____)
Door Annunciator, Depressurization Procedure and Tail Strike On Takeoff Reference Procedures (_____)
Cargo, Fire, Cargo Fire Detector Fault, and Lavatory Smoke Reference Procedure (_____)

LESSON EVALUATION:
Sample:
Ditching Reference Procedure (_____)
ELT, Emergency Exit Light Not Armed and Passenger Oxygen On Reference Procedures (_____)
Door Annunciator, Depressurization Procedure and Tail Strike On Takeoff Reference Procedures (Element: _____)
Cargo, Fire, Cargo Fire Detector Fault, and Lavatory Smoke Reference Procedure (_____)

LESSON 6:
Automatic Flight, Communications, Flight Instruments, Displays, Flight Management, Navigation, and Warning systems Abnormal Reference Procedure (_____)

Lesson Element:
Automatic Flight Reference Procedure (_____)
Communications Reference Procedure (_____)
Flight Instrument, Displays Reference Procedure (_____)
Flight Management, Navigation Reference Procedure (_____)
Warning Systems Reference Procedure (_____)

LESSON EVALUATION:
Sample:
Automatic Flight Reference Procedure (_____)
Communications Reference Procedure (_____)
Flight Instrument, Displays Reference Procedure (_____)
Flight Management, Navigation Reference Procedure (_____)
Warning Systems Reference Procedure (_____)

MODULE 12: LINE OPERATIONAL SIMULATION (LOE)

LESSON 1:
Line Operational Evaluation (LOE)

Lesson Element:
Technical:
- Flight Plan and Dispatch (____)
- Inspection and Preparation (___)
- Engine Start and Pushback (____)
- Takeoff (___)
- Climb (___)
- Cruise (___)
- Descent (__)
- Holding (____)
- Approach (____)
- Missed Approach
- Landing (____)
- Shutdown and Postflight (___)

Crew Resource Management: (____)
- Communication (____) Situational
- Awareness (____)
- Planning and Decision Making (____)
- Workload/Crew Management (_____)

LESSON EVALUATION:
Satisfactory or Unsatisfactory - based on specific LOE methodology, Qualification Standards, and CRM factors

SEGMENT: TWIN JET PILOT LINE CHECK

Total Segment Hours: 5 Hours

TRAINING OBJECTIVE: Evaluate pilot in command (PIC) and crew performance on a flight over a typical part of your airline's route system.

MODULE 1: PRE-DEPARTURE – FLIGHT PLAN AND DISPATCH, AIRCRAFT INSPECTION AND PREPARATION (_____)

LESSON 1:
Perform Normal Flight Planning and Dispatch Procedures (_____)

Lesson Evaluation:
Validate:
Dispatch and Flight Planning (_____)

LESSON 2:
Perform Exterior Safety Inspection, Flight Deck Safety Inspection, Preliminary Flight Deck Preparation and Preflight Interior Inspection (_____)
Perform Exterior Inspection (_____)
Perform Cockpit Preparations and Duties (____)
Perform all Flight Deck Preparation Procedures and the Before Start Checklist (_____)

Lesson Element:
Ensure the proper Aircraft Documents and Manuals are on board the aircraft (_____)
Receive Departure ATIS, Receive ATC clearance, and Communicate as necessary with Company (_____)
Brief and communicate with crew on planed light(s) (_____)

Lesson Evaluation:
Validate:
Perform Exterior Safety Inspection, Flight Deck Safety Inspection, Preliminary Flight Deck Preparation and Preflight Interior Inspection (_____)
Perform Exterior Inspection (_____)
Perform Cockpit Preparations and Duties (_____)

Perform all Flight Deck Preparation Procedures and the Before Start Checklist (_____)

MODULE 2: ENGINGE START AND PUSHBACK, & ENGINE AFTER START (____) TAXI AND BEFORE TAKEOFF (____)

LESSON 1:
Perform Engine Start Procedure (_____)
Perform After Start Procedure and After Start Checklist (_____)

Lesson Element:
Perform Pushback – Tow Out Procedure (_____)
Perform Pushback – Tow Out APU Inoperative Procedure (_____)

Lesson Evaluation:
Validate:
Engine Start Procedure (_____)
After Start Procedure and After Start Checklist (_____)

Sample:
Pushback – Tow Out Procedure (_____)
Pushback – Tow Out APU Inoperative Procedure (_____)

LESSON 2:
Perform Taxi Procedure (_____)
Accomplish Before Takeoff Procedure and Checklist (_____)

Lesson Element:
Assess Takeoff Environment (_____)
Accomplish Takeoff Briefing (_____)
Accomplish Before Takeoff Procedure and Checklist Down to the Line (_____)
Complete Before Takeoff Procedure and Checklist (_____)

Lesson Evaluation:
Validate:
Taxi Procedure (_____)
Before Takeoff Procedure and Checklist (_____)

MODULE 3: TAKEOFF (____)

LESSON 1:
Perform Normal Takeoff Procedure (_____)
Perform After Takeoff Procedure (_____) Perform
Crosswind Takeoff Procedure (____)

Lesson Evaluation:
Validate:
Normal Takeoff Procedure (____)
After Takeoff Procedure (____)
Crosswind Takeoff Procedure (conditions permitting) (___)

MODULE 4: CLIMB PROCEDURE (___)

LESSON 1:
Perform Instrument Departure Procedure (____)
Perform Normal Climb Procedures (____)

Lesson Evaluation:
Validate:
Instrument Departure Procedure (____)
Normal Climb Procedures (___)

MODULE 5: CRUISE PROCEDURES (___)

LESSON 1:
Perform Normal Cruise Procedures (____)
Assess Descent Initiation Criteria and Initiate Descent (____)
Perform Approach Briefing (____)

Lesson Evaluation:
Validate:
Normal Cruise Procedures (____)
Descent Initiation Criteria and Descent Initiation (___)
Approach Briefing (____)

MODULE 6: DESCENT PROCEDURE (____)

LESSON 1:
Perform Instrument Arrival procedure (____)
Perform Descent Procedure and Accomplish DESCENT AND APPROACH Checklist (____)

Lesson Evaluation:
Validate:
Instrument Arrival procedure (____)
Descent Procedure and DESCENT AND APPROACH checklist (____)

MODULE 7: APPROACH PROCEDURES (_____)

LESSON 1:
Complete Instrument Approach Preparation (_____)
Perform Standard Callouts (_____)
Complete Landing Checklist (____)

Lesson Evaluation:
Validate:
Instrument Approach Preparation (_____)
Standard Callouts (____)
Landing Checklist (____)

LESSON 2:
Perform Precision Approach Procedure (____) Perform
Non-Precision Approach Procedure (____) Perform
Visual Traffic Pattern (____)

Lesson Evaluation:
Sample:
Precision Approach (_____)
Non-Precision Approach (____)
Visual Traffic Pattern (_____)

MODULE 8: LANDING PROCEDURES (____)
SHUTDOWN PROCEDURES (_____)

LESSON 1:
Perform Landing Procedures (____)

Lesson Element:
Perform Landing Roll Procedure (_____)
Apply Land and Hold Short Operations (_____)

Lesson Evaluation:
Validate:
Landing Procedure (_____)

Sample:
Land and Hold Short Operations (_____)

Lesson 2:
Perform After Landing Procedures (_____)
Perform Taxi In and Shutdown Procedures (_____)
Complete Postflight Activities (_____)

Lesson Evaluation:
Validate:
After Landing Procedures (_____)
Taxi In and Shutdown Procedures
Postflight Activities (_____)