



# U.S. Department of Transportation

## Federal Aviation Administration

### Regulatory Support Division, AFS-600

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#### **Subject: Learning Statement Reference Guide for Airman Knowledge Testing**

**Purpose:** This reference guide contains the listings of Learning Statements and Learning Statement Codes for airman knowledge testing. It includes codes for pilots, instructors, flight engineers, dispatchers, navigators, pilot examiners, inspection authorization, parachute riggers, and aircraft mechanics.

**General:** The expression 'learning statement,' as used in airman testing, refers to measurable statements of knowledge that a student should be able to demonstrate following a defined element of training. In order that the individual learning statements may be read as complete sentences, they should be assumed to be preceded by the words: "Upon the successful completion of training the student should be able to . . . ."

In general, the learning statements are worded in such a way, the standard required to achieve them is self-evident. It should be noted that learning statements do not provide a ready-made ground training syllabus and should not be viewed as a substitute for thorough training course design.

When an applicant for an airman certificate takes the applicable airman knowledge test required for that certificate, the applicant will receive an Airman Knowledge Test Report. The test report will list the learning statement codes for questions that are answered incorrectly. The student should match the code with the learning statement code contained in this document to review areas of deficiency. A listing of reference material for knowledge training testing is contained in the applicable Federal Aviation Knowledge Test Guide. An applicant's instructor is required to provide instruction on each of the areas of deficiency listed on the Airman Knowledge Test Report and to complete an endorsement of this instruction. The Airman Knowledge Test Report must be presented to the examiner conducting the practical test. During the oral portion of the practical test, the examiner is required to evaluate the noted areas of deficiency.

**Electronic Access:** The learning statement codes, some of the reference material listed, and knowledge test guides can be obtained from the Federal Aviation Administration (FAA) website at [http://www.faa.gov/training\\_testing/](http://www.faa.gov/training_testing/).

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners  
Exams**

PLT001	Calculate a course intercept
PLT002	Calculate aircraft performance - airspeed
PLT003	Calculate aircraft performance - center of gravity
PLT004	Calculate aircraft performance - climb / descent
PLT005	Calculate aircraft performance - density altitude
PLT006	Calculate aircraft performance - glide
PLT007	Calculate aircraft performance - IAS / EPR
PLT008	Calculate aircraft performance - landing
PLT009	Calculate aircraft performance - measured gas temperature (MGT)
PLT010	Calculate aircraft performance - STAB TRIM
PLT011	Calculate aircraft performance - takeoff
PLT012	Calculate aircraft performance - time/speed/distance/course/fuel/wind
PLT013	Calculate crosswind / headwind components
PLT014	Calculate distance / bearing from/to a station
PLT015	Calculate flight performance / planning - range
PLT016	Calculate fuel - dump time / weight / volume / quantity / consumption
PLT017	Calculate L/D ratio
PLT018	Calculate load factor / stall speed / velocity / angle of attack
PLT019	Calculate pressure altitude
PLT020	Calculate turbulent air penetration
PLT021	Calculate weight and balance
PLT022	Define Aeronautical Decision Making (ADM)
PLT023	Define altitude - absolute / true / indicated / density / pressure
PLT024	Define atmospheric adiabatic process
PLT025	Define Bernoulli's principle
PLT026	Define ceiling
PLT027	Define coning
PLT028	Define crewmember
PLT029	Define critical phase of flight
PLT030	Define false lift
PLT031	Define isobars / associated winds
PLT032	Define MACH speed regimes
PLT033	Define MEA / MOCA / MRA
PLT034	Define stopway / clearway
PLT035	Define Vne / Vno
PLT036	Interpret a MACH meter reading
PLT037	Interpret a radar weather report
PLT038	Interpret aircraft Power Schedule Chart
PLT039	Interpret airport landing indicator
PLT040	Interpret airspace classes - charts / diagrams
PLT041	Interpret altimeter - readings / settings
PLT042	Interpret Constant Pressure charts / Isotachs Chart
PLT043	Interpret Analysis Heights / Temperature Chart

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners  
Exams**

PLT044	Interpret ATC communications / instructions / terminology
PLT045	Interpret Descent Performance Chart
PLT046	Interpret drag ratio from charts
PLT047	Interpret Flight Director - modes / operation / indications
PLT048	Interpret Hovering Ceiling Chart
PLT049	Interpret ILS - charts / RMI / CDI / indications
PLT050	Interpret information on a Brake Energy Limit Chart
PLT051	Interpret information on a Convective Outlook
PLT052	Interpret information on a Departure Procedure Chart
PLT053	Interpret information on a Flight Plan
PLT054	Interpret information on a Glider Performance Graph
PLT055	Interpret information on a High Altitude Chart
PLT056	Interpret information on a Horizontal Situation Indicator (HSI)
PLT057	Interpret information on a Hot Air Balloon Performance Graph
PLT058	Interpret information on a Low Altitude Chart
PLT059	Interpret information on a METAR / SPECI report
PLT060	Interpret information on a Performance Curve Chart
PLT061	Interpret information on a PIREP
PLT062	Interpret information on a Pseudo-Adiabatic Chart
PLT063	Interpret information on a Radar Summary Chart
PLT064	Interpret information on a Sectional Chart
PLT065	Interpret information on a Service Ceiling Engine Inoperative Chart
PLT066	Interpret information on a Convective Outlook Chart
PLT067	Interpret information on a SIGMET
PLT068	Interpret information on a Significant Weather Prognostic Chart
PLT069	Interpret information on a Slush/Standing Water Takeoff Chart
PLT070	Interpret information on a Stability Chart
PLT071	Interpret information on a Surface Analysis Chart
PLT072	Interpret information on a Terminal Aerodrome Forecast (TAF)
PLT073	Interpret information on a Tower Enroute Control (TEC)
PLT074	Interpret information on a Velocity/Load Factor Chart
PLT075	Interpret information on a Weather Depiction Chart
PLT076	Interpret information on a Winds and Temperatures Aloft Forecast (FB)
PLT077	Interpret information on an Airport Diagram
PLT078	Interpret information in an Airport Facility Directory (AFD)
PLT079	Interpret information on an Airways Chart
PLT080	Interpret information on an Arrival Chart
PLT081	Interpret information on an Aviation Area Forecast (FA)
PLT082	Interpret information on an IFR Alternate Airport Minimums Chart
PLT083	Interpret information on an Instrument Approach Procedures (IAP)
PLT084	Interpret information on an Observed Winds Aloft Chart
PLT085	Interpret information on Takeoff Obstacle / Field / Climb Limit Charts
PLT086	Interpret readings on a Turn and Slip Indicator

**LEARNING STATEMENT CODES and LEARNING STATEMENTS**  
**for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners**  
**Exams**

PLT087	Interpret readings on an Aircraft Course and DME Indicator
PLT088	Interpret speed indicator readings
PLT089	Interpret Takeoff Speeds Chart
PLT090	Interpret VOR - charts / indications / CDI / ADF / NAV
PLT091	Interpret VOR / ADF / NDB / CDI / RMI - illustrations / indications / procedures
PLT092	Interpret weight and balance - diagram
PLT093	Recall administration of medical oxygen
PLT094	Recall aerodynamics - airfoil design / pressure distribution
PLT095	Recall aerodynamics - longitudinal axis / lateral axis
PLT096	Recall aeromedical factors - effects of altitude
PLT097	Recall aeromedical factors - effects of carbon monoxide poisoning
PLT098	Recall aeromedical factors - fitness for flight
PLT099	Recall aeromedical factors - scanning procedures
PLT100	Recall aeronautical charts - IFR En Route Low Altitude
PLT101	Recall aeronautical charts - pilotage
PLT102	Recall aeronautical charts - terminal procedures
PLT103	Recall Aeronautical Decision Making (ADM) - hazardous attitudes
PLT104	Recall Aeronautical Decision Making (ADM) - human factors
PLT105	Recall airborne radar / thunderstorm detection equipment - use / limitations
PLT106	Recall aircraft air-cycle machine
PLT107	Recall aircraft alternator / generator system
PLT108	Recall aircraft anti-icing / deicing - methods / fluids
PLT109	Recall aircraft batteries - capacity / charging / types / storage / rating / precautions
PLT110	Recall aircraft brake system
PLT111	Recall aircraft circuitry - series / parallel
PLT112	Recall aircraft controls - proper use / techniques
PLT113	Recall aircraft design - categories / limitation factors
PLT114	Recall aircraft design - construction / function
PLT115	Recall aircraft engine - detonation/backfiring/after firing, cause/characteristics
PLT116	Recall aircraft general knowledge / publications / AIM / navigational aids
PLT117	Recall aircraft heated windshields
PLT118	Recall aircraft instruments - gyroscopic
PLT119	Recall aircraft lighting - anti-collision / landing / navigation
PLT120	Recall aircraft limitations - turbulent air penetration
PLT121	Recall aircraft loading - computations
PLT122	Recall aircraft operations - checklist usage
PLT123	Recall aircraft performance - airspeed
PLT124	Recall aircraft performance - atmospheric effects
PLT125	Recall aircraft performance - climb / descent
PLT126	Recall aircraft performance - cold weather operations
PLT127	Recall aircraft performance - density altitude
PLT128	Recall aircraft performance - effects of icing
PLT129	Recall aircraft performance - effects of runway slope / slope landing

**LEARNING STATEMENT CODES and LEARNING STATEMENTS**  
**for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners**  
**Exams**

PLT130	Recall aircraft performance - fuel
PLT131	Recall aircraft performance - ground effect
PLT132	Recall aircraft performance - instrument markings / airspeed / definitions / indications
PLT133	Recall aircraft performance - normal climb / descent rates
PLT134	Recall aircraft performance - takeoff
PLT135	Recall aircraft pressurization - system / operation
PLT136	Recall aircraft systems - anti-icing / deicing
PLT137	Recall aircraft systems - environmental control
PLT138	Recall aircraft landing gear/tires - types / characteristics
PLT139	Recall aircraft warning systems - stall / fire / retractable gear / terrain awareness
PLT140	Recall airport operations - LAHSO
PLT141	Recall airport operations - markings / signs / lighting
PLT142	Recall airport operations - noise avoidance routes
PLT143	Recall airport operations - rescue / fire fighting vehicles and types of agents
PLT144	Recall airport operations - runway conditions
PLT145	Recall airport operations - runway lighting
PLT146	Recall airport operations - traffic pattern procedures / communication procedures
PLT147	Recall airport operations - visual glideslope indicators
PLT148	Recall airport operations lighting - MALS / ALSF / RCLS / TDZL
PLT149	Recall airport preflight / taxi operations - procedures
PLT150	Recall airport traffic patterns - entry procedures
PLT151	Recall airship - buoyancy
PLT152	Recall airship - flight characteristics / controllability
PLT153	Recall airship - flight operations
PLT154	Recall airship - ground weigh-off / static / trim condition
PLT155	Recall airship - maintaining pressure
PLT156	Recall airship - maximum headway / flight at equilibrium
PLT157	Recall airship - pressure height / dampers / position
PLT158	Recall airship - pressure height / manometers
PLT159	Recall airship - pressure height / super heat / valving gas
PLT160	Recall airship - stability / control / positive superheat
PLT161	Recall airspace classes - limits / requirements / restrictions / airspeeds / equipment
PLT162	Recall airspace requirements - operations
PLT163	Recall airspace requirements - visibility / cloud clearance
PLT164	Recall airspeed - effects during a turn
PLT165	Recall altimeter - effect of temperature changes
PLT166	Recall altimeter - settings / setting procedures
PLT167	Recall altimeters - characteristics / accuracy
PLT168	Recall angle of attack - characteristics / forces / principles
PLT169	Recall antitorque system - components / functions
PLT170	Recall approach / landing / taxiing techniques

**LEARNING STATEMENT CODES and LEARNING STATEMENTS**  
**for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners**  
**Exams**

PLT171	Recall ATC - reporting
PLT172	Recall ATC - system / services
PLT173	Recall atmospheric conditions - measurements / pressure / stability
PLT174	Recall autopilot / yaw damper - components / operating principles / characteristics / failure modes
PLT175	Recall autorotation
PLT176	Recall balance tab - purpose / operation
PLT177	Recall balloon - flight operations
PLT178	Recall balloon - flight operations / gas
PLT179	Recall balloon - ground weigh-off / static equilibrium / load
PLT180	Recall balloon gas/hot air - lift / false lift / characteristics
PLT181	Recall balloon - hot air / physics
PLT182	Recall balloon - inspecting the fabric
PLT183	Recall balloon flight operations - ascent / descent
PLT184	Recall balloon flight operations - launch / landing
PLT185	Recall basic instrument flying - fundamental skills
PLT186	Recall basic instrument flying - pitch instruments
PLT187	Recall basic instrument flying - turn coordinator / turn and slip indicator
PLT188	Recall cabin atmosphere control
PLT189	Recall carburetor - effects of carburetor heat / heat control
PLT190	Recall carburetor ice - factors affecting / causing
PLT191	Recall carburetors - types / components / operating principles / characteristics
PLT192	Recall clouds - types / formation / resulting weather
PLT193	Recall cockpit voice recorder (CVR) - operating principles / characteristics / testing
PLT194	Recall collision avoidance - scanning techniques
PLT195	Recall collision avoidance - TCAS
PLT196	Recall communications - ATIS broadcasts
PLT197	Recall Coriolis effect
PLT198	Recall course / heading - effects of wind
PLT199	Recall cyclic control pressure - characteristics
PLT200	Recall dead reckoning - calculations / charts
PLT201	Recall departure procedures - ODP / SID
PLT202	Recall DME - characteristics / accuracy / indications / Arc
PLT203	Recall earth's atmosphere - layers / characteristics / solar energy
PLT204	Recall effective communication - basic elements
PLT205	Recall effects of alcohol on the body
PLT206	Recall effects of temperature - density altitude / icing
PLT207	Recall electrical system - components / operating principles / characteristics / static bonding and shielding
PLT208	Recall emergency conditions / procedures
PLT209	Recall engine pressure ratio - EPR
PLT210	Recall engine shutdown - normal / abnormal / emergency / precautions
PLT211	Recall evaluation testing characteristics

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners  
Exams**

PLT212	Recall fire extinguishing systems - components / operating principles / characteristics
PLT213	Recall flight characteristics - longitudinal stability / instability
PLT214	Recall flight characteristics - structural / wing design
PLT215	Recall flight instruments - magnetic compass
PLT216	Recall flight instruments - total energy compensators
PLT217	Recall flight maneuvers - quick stop
PLT218	Recall flight operations - common student errors
PLT219	Recall flight operations - maneuvers
PLT220	Recall flight operations - night and high altitude operations
PLT221	Recall flight operations - takeoff / landing maneuvers
PLT222	Recall flight operations - takeoff procedures
PLT223	Recall flight operations multiengine - engine inoperative procedures
PLT224	Recall flight plan - IFR
PLT225	Recall flight plan - requirements
PLT226	Recall fog - types / formation / resulting weather
PLT227	Recall FOI techniques - integrated flight instruction
PLT228	Recall FOI techniques - lesson plans
PLT229	Recall FOI techniques - professionalism
PLT230	Recall FOI techniques - responsibilities
PLT231	Recall FOI techniques / human behavior - anxiety / fear / stress
PLT232	Recall FOI techniques / human behavior - dangerous tendencies
PLT233	Recall FOI techniques / human behavior - defense mechanisms
PLT234	Recall forces acting on aircraft - 3 axis intersect
PLT235	Recall forces acting on aircraft - aerodynamics
PLT236	Recall forces acting on aircraft - airfoil / center of pressure / mean camber line
PLT237	Recall forces acting on aircraft - airspeed / air density / lift / drag
PLT238	Recall forces acting on aircraft - aspect ratio
PLT239	Recall forces acting on aircraft - buoyancy / drag / gravity / thrust
PLT240	Recall forces acting on aircraft - CG / flight characteristics
PLT241	Recall forces acting on aircraft - drag / gravity / thrust / lift
PLT242	Recall forces acting on aircraft - lift / drag / thrust / weight / stall / limitations
PLT243	Recall forces acting on aircraft - propeller / torque
PLT244	Recall forces acting on aircraft - stability / controllability
PLT245	Recall forces acting on aircraft - stalls / spins
PLT246	Recall forces acting on aircraft - steady state climb / flight
PLT247	Recall forces acting on aircraft - thrust / drag / weight / lift
PLT248	Recall forces acting on aircraft - turns
PLT249	Recall fuel - air mixture
PLT250	Recall fuel - types / characteristics / contamination / fueling / defueling / precautions
PLT251	Recall fuel characteristics / contaminants / additives
PLT252	Recall fuel dump system - components / methods

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners  
Exams**

PLT253	Recall fuel system - components / operating principles / characteristics / leaks
PLT254	Recall fuel tank - components / operating principles / characteristics
PLT255	Recall fueling procedures - safety / grounding / calculating volume
PLT256	Recall glider performance - effect of loading
PLT257	Recall glider performance - speed / distance / ballast / lift / drag
PLT258	Recall ground reference maneuvers - ground track diagram
PLT259	Recall ground resonance - conditions to occur
PLT260	Recall gyroplane - aerodynamics / rotor systems
PLT261	Recall hail - characteristics / hazards
PLT262	Recall hazardous material - reports / transportation procedures / labeling
PLT263	Recall hazardous weather - fog / icing / turbulence / visibility restriction
PLT264	Recall helicopter approach - settling with power
PLT265	Recall helicopter takeoff / landing - ground resonance action required
PLT266	Recall high lift devices - characteristics / functions
PLT267	Recall hot air balloon - weigh-off procedure
PLT268	Recall hovering - aircraft performance / tendencies
PLT269	Recall human behavior - defense mechanism
PLT270	Recall human behavior - social / self fulfillment / physical
PLT271	Recall human factors (ADM) - judgment
PLT272	Recall human factors - stress management
PLT273	Recall hydraulic systems - components / operating principles / characteristics
PLT274	Recall icing - formation / characteristics
PLT275	Recall ILS - indications / HSI
PLT276	Recall ILS - indications / OBS / CDI
PLT277	Recall ILS - marker beacon / indicator lights / codes
PLT278	Recall indicating systems - airspeed / angle of attack / attitude / heading / manifold pressure / synchro / EGT
PLT279	Recall Inertial/Doppler Navigation System principles / regulations / requirements / limitations
PLT280	Recall inflight illusions - causes / sources
PLT281	Recall information in an Airport Facility Directory
PLT282	Recall information in the certificate holder`s manual
PLT283	Recall information on a Constant Pressure Analysis Chart
PLT284	Recall information on a Forecast Winds and Temperatures Aloft (FD)
PLT285	Recall information on a Height Velocity Diagram
PLT286	Recall information on a Significant Weather Prognostic Chart
PLT287	Recall information on a Surface Analysis Chart
PLT288	Recall information on a Terminal Aerodrome Forecast (TAF)
PLT289	Recall information on a Weather Depiction Chart
PLT290	Recall information on AIRMETS / SIGMETS
PLT291	Recall information on an Aviation Area Forecast (FA)
PLT292	Recall information on an Instrument Approach Procedures (IAP)
PLT293	Recall information on an Instrument Departure Procedure Chart
PLT294	Recall information on Inflight Aviation Weather Advisories

**LEARNING STATEMENT CODES and LEARNING STATEMENTS**  
**for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners**  
**Exams**

PLT295	Recall instructor techniques - obstacles / planning / activities / outcome
PLT296	Recall instrument procedures - holding / circling
PLT297	Recall instrument procedures - unusual attitude / unusual attitude recovery
PLT298	Recall instrument procedures - VFR on top
PLT300	Recall instrument/navigation system checks/inspections - limits / tuning / identifying / logging
PLT301	Recall inversion layer - characteristics
PLT302	Recall jet stream - types / characteristics
PLT303	Recall L/D ratio
PLT304	Recall launch procedures
PLT305	Recall leading edge devices - types / effect / purpose / operation
PLT306	Recall learning process - levels of learning / transfer of learning / incidental learning
PLT307	Recall learning process - memory / fact / recall
PLT308	Recall learning process - laws of learning elements
PLT309	Recall load factor - angle of bank
PLT310	Recall load factor - characteristics
PLT311	Recall load factor - effect of airspeed
PLT312	Recall load factor - maneuvering / stall speed
PLT313	Recall loading – limitations / terminology
PLT314	Recall longitudinal axis - aerodynamics / center of gravity / direction of motion
PLT315	Recall Machmeter - principles / functions
PLT316	Recall meteorology - severe weather watch (WW)
PLT317	Recall microburst - characteristics / hazards
PLT318	Recall minimum fuel advisory
PLT319	Recall navigation – celestial / navigation chart / characteristics
PLT320	Recall navigation - true north / magnetic north
PLT321	Recall navigation - types of landing systems
PLT322	Recall navigation - VOR / NAV system
PLT323	Recall NOTAMS - classes / information / distribution
PLT324	Recall oil system - types / components / functions / oil specifications
PLT325	Recall operations manual - transportation of prisoner
PLT326	Recall oxygen system - components / operating principles / characteristics
PLT327	Recall oxygen system - install / inspect / repair / service / precautions / leaks
PLT328	Recall performance planning - aircraft loading
PLT329	Recall physiological factors - cabin pressure
PLT330	Recall physiological factors - cause / effects of hypoxia
PLT331	Recall physiological factors - effects of scuba diving / smoking
PLT332	Recall physiological factors - hyperventilation
PLT333	Recall physiological factors - night vision
PLT334	Recall physiological factors - spatial disorientation
PLT335	Recall pilotage - calculations
PLT336	Recall pitch control - collective / cyclic

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners  
Exams**

PLT337	Recall pitot-static system - components / operating principles / characteristics
PLT338	Recall pneumatic system - operation
PLT340	Recall positive exchange of flight controls
PLT341	Recall power settling - characteristics
PLT342	Recall powerplant - controlling engine temperature
PLT343	Recall powerplant - operating principles / operational characteristics / inspecting
PLT344	Recall precipitation - types / characteristics
PLT345	Recall pressure altitude
PLT346	Recall primary / secondary flight controls - types / purpose / functionality / operation
PLT347	Recall principles of flight - critical engine
PLT348	Recall principles of flight - turns
PLT349	Recall procedures for confined areas
PLT350	Recall propeller operations - constant / variable speed
PLT351	Recall propeller system - types / components / operating principles / characteristics
PLT352	Recall purpose / operation of a stabilizer
PLT353	Recall Radar Summary Chart
PLT354	Recall radio - GPS / RNAV / RAIM
PLT355	Recall radio - HSI
PLT356	Recall radio - ILS / compass locator
PLT357	Recall radio - ILS / LDA
PLT358	Recall radio - LOC / ILS
PLT359	Deleted
PLT360	Recall radio - Microwave Landing System
PLT361	Recall radio - SDF / ILS
PLT362	Recall radio - VHF / Direction Finding
PLT363	Recall radio - VOR / VOT
PLT364	Recall radio system - licence requirements / frequencies
PLT365	Recall reciprocating engine - components / operating principles / characteristics
PLT366	Recall regulations - accident / incident reporting and preserving wreckage
PLT367	Recall regulations - additional equipment/operating requirements large transport aircraft
PLT368	Recall regulations - admission to flight deck
PLT369	Recall regulations - aerobatic flight requirements
PLT370	Recall regulations - Air Traffic Control authorization / clearances
PLT371	Recall regulations - Aircraft Category / Class
PLT372	Recall regulations - aircraft inspection / records / expiration
PLT373	Recall regulations - aircraft operating limitations
PLT374	Recall regulations - aircraft owner / operator responsibilities
PLT375	Recall regulations - aircraft return to service
PLT376	Recall regulations - airspace special use / TFRS
PLT377	Recall regulations - airworthiness certificates / requirements / responsibilities

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners  
Exams**

PLT378	Recall regulations - Airworthiness Directives
PLT379	Recall regulations - alternate airport requirements
PLT380	Recall regulations - alternate airport weather minima
PLT381	Recall regulations - altimeter settings
PLT382	Recall regulations - approach minima
PLT383	Recall regulations - basic flight rules
PLT384	Recall regulations - briefing of passengers
PLT385	Recall regulations - cargo in passenger compartment
PLT386	Recall regulations - certificate issuance / renewal
PLT387	Recall regulations - change of address
PLT388	Recall regulations - cockpit voice / flight data recorder(s)
PLT389	Recall regulations - commercial operation requirements / conditions / OpSpecs
PLT390	Recall regulations - communications enroute
PLT391	Recall regulations - communications failure
PLT392	Recall regulations - compliance with local regulations
PLT393	Recall regulations - controlled / restricted airspace - requirements
PLT394	Recall regulations - declaration of an emergency
PLT395	Recall regulations - definitions
PLT396	Recall regulations - departure alternate airport
PLT397	Recall regulations - destination airport visibility
PLT398	Recall regulations - dispatch
PLT399	Recall regulations - display / inspection of licences and certificates
PLT400	Recall regulations - documents to be carried on aircraft during flight
PLT401	Recall regulations - dropping / aerial application / towing restrictions
PLT402	Recall regulations - ELT requirements
PLT403	Recall regulations - emergency deviation from regulations
PLT404	Recall regulations - emergency equipment
PLT405	Recall regulations - equipment / instrument / certificate requirements
PLT406	Recall regulations - equipment failure
PLT407	Recall regulations - experience / training requirements
PLT408	Recall regulations - fire extinguisher requirements
PLT409	Recall regulations - flight / duty time
PLT410	Recall regulations - flight engineer qualifications / privileges / responsibilities
PLT411	Recall regulations - flight instructor limitations / qualifications
PLT412	Recall regulations - flight release
PLT413	Recall regulations - fuel requirements
PLT414	Recall regulations - general right-of-way rules
PLT415	Recall regulations - IFR flying
PLT416	Recall regulations - immediate notification
PLT417	Recall regulations - individual flotation devices
PLT418	Recall regulations - instructor demonstrations / authorizations
PLT419	Recall regulations - instructor requirements / responsibilities
PLT420	Recall regulations - instrument approach procedures

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners  
Exams**

PLT421	Recall regulations - instrument flight rules
PLT422	Recall regulations - intermediate airport authorizations
PLT423	Recall regulations - knowledge and skill test checks
PLT424	Recall regulations - limits on autopilot usage
PLT425	Recall regulations - maintenance reports / records / entries
PLT426	Recall regulations - maintenance requirements
PLT427	Recall regulations - medical certificate requirements / validity
PLT428	Recall regulations - minimum equipment list
PLT429	Recall regulations - minimum flight / navigation instruments
PLT430	Recall regulations - minimum safe / flight altitude
PLT431	Recall regulations - operating near other aircraft
PLT432	Recall regulations - operational control functions
PLT433	Recall regulations - operational flight plan requirements
PLT434	Recall regulations - operational procedures for a controlled airport
PLT435	Recall regulations - operational procedures for an uncontrolled airport
PLT436	Recall regulations - operations manual
PLT437	Recall regulations - overwater operations
PLT438	Recall regulations - oxygen requirements
PLT439	Recall regulations - persons authorized to perform maintenance
PLT440	Recall regulations - Pilot / Crew duties and responsibilities
PLT441	Recall regulations - pilot briefing
PLT442	Recall regulations - pilot currency requirements
PLT443	Recall regulations - pilot qualifications / privileges / responsibilities / crew complement
PLT444	Recall regulations - pilot-in-command authority / responsibility
PLT445	Recall regulations - preflight requirements
PLT446	Recall regulations - preventative maintenance
PLT447	Recall regulations - privileges / limitations of medical certificates
PLT448	Recall regulations - privileges / limitations of pilot certificates
PLT449	Recall regulations - proficiency check requirements
PLT450	Recall regulations - qualifications / duty time
PLT451	Recall regulations - ratings issued / experience requirements / limitations
PLT452	Recall regulations - re-dispatch
PLT453	Recall regulations - records retention for domestic / flag air carriers
PLT454	Recall regulations - required aircraft / equipment inspections
PLT455	Recall regulations - requirements of a flight plan release
PLT456	Recall regulations - runway requirements
PLT457	Recall regulations - student pilot endorsements / other endorsements
PLT458	Recall regulations - submission / revision of Policy and Procedure Manuals
PLT459	Recall regulations - takeoff procedures / minimums
PLT460	Recall regulations - training programs
PLT461	Recall regulations - use of aircraft lights

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners  
Exams**

PLT462	Recall regulations - use of microphone / megaphone / interphone / public address system
PLT463	Recall regulations alcohol or drugs
PLT464	Recall regulations - use of safety belts / harnesses (crew member)
PLT465	Recall regulations - use of seats / safety belts / harnesses (passenger)
PLT466	Recall regulations - V speeds
PLT467	Recall regulations - visual flight rules and limitations
PLT468	Recall regulations - Visual Meteorological Conditions (VMC)
PLT469	Recall regulations - weather radar
PLT470	Recall rotor system - types / components / operating principles / characteristics
PLT471	Recall rotorcraft transmission - components / operating principles / characteristics
PLT472	Recall rotorcraft vibration - characteristics / sources
PLT473	Recall secondary flight controls - types / purpose / functionality
PLT474	Recall soaring - normal procedures
PLT475	Recall squall lines - formation / characteristics / resulting weather
PLT476	Recall stabilizer - purpose / operation
PLT477	Recall stalls - characteristics / factors / recovery / precautions
PLT478	Recall starter / ignition system - types / components / operating principles / characteristics
PLT479	Recall starter system - starting procedures
PLT480	Recall static/dynamic stability/instability - characteristics
PLT481	Recall student evaluation - learning process
PLT482	Recall student evaluation - written tests / oral quiz / critiques
PLT483	Recall supercharger - characteristics / operation
PLT484	Recall symbols - chart / navigation
PLT485	Recall taxiing / crosswind / techniques
PLT486	Recall taxiing / takeoff - techniques / procedures
PLT487	Recall teaching methods - demonstration / performance
PLT488	Recall teaching methods - group / guided discussion / lecture
PLT489	Recall teaching methods - known to unknown
PLT490	Recall teaching methods - motivation / student feelings of insecurity
PLT491	Recall teaching methods - organizing material / course of training
PLT492	Recall temperature - effects on weather formations
PLT493	Recall the dynamics of frost / ice / snow formation on an aircraft
PLT494	Recall thermals - types / characteristics / formation / locating / maneuvering / corrective actions
PLT495	Recall thunderstorms - types / characteristics / formation / hazards / precipitation static
PLT496	Recall towrope - strength / safety links / positioning
PLT497	Recall transponder - codes / operations / usage
PLT498	Recall Transportation Security Regulations
PLT499	Recall turbine engines - components / operational characteristics / associated instruments
PLT500	Recall turboprop engines - components / operational characteristics

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Pilots, Instructors, Flight Engineers, Dispatchers, Navigators, and Pilot Examiners  
Exams**

PLT501	Recall turbulence - types / characteristics / reporting / corrective actions
PLT502	Recall universal signals - hand / light / visual
PLT503	Recall use of narcotics / drugs / intoxicating liquor
PLT504	Recall use of training aids - types / function / purpose
PLT505	Recall use of training aids - usefulness / simplicity / compatibility
PLT506	Recall V speeds - maneuvering / flap extended / gear extended / V1, V2, r, ne, mo, mc, mg, etc.
PLT507	Recall VOR - indications / VOR / VOT / CDI
PLT508	Recall VOR/altimeter/transponder checks - identification / tuning / identifying / logging
PLT509	Recall wake turbulence - characteristics / avoidance techniques
PLT510	Recall weather - causes / formation
PLT511	Recall weather associated with frontal activity / air masses
PLT512	Recall weather conditions - temperature / moisture / dewpoint
PLT513	Recall weather information - TWEB broadcasts / FAA Avcams
PLT514	Recall weather reporting systems - briefings / forecasts / reports / AWOS / ASOS
PLT515	Recall weather services - EFAS / TIBS / TPC / WFO / AFSS / HIWAS
PLT516	Recall winds - types / characteristics
PLT517	Recall winds associated with high / low-pressure systems
PLT518	Recall windshear - characteristics / hazards / power management
PLT519	Recall wing spoilers - purpose / operation
PLT520	Calculate density altitude
PLT521	Recall helicopter takeoff / landing – slope operations
PLT522	Recall helicopter – Pinnacle / Ridgeline operations
PLT523	Recall vortex generators – purpose / effects / aerodynamics
PLT524	Interpret / Program information on an avionics display
PLT525	Interpret table – oxygen / fuel / oil / accumulator / fire extinguisher

## **LEARNING STATEMENT CODES and LEARNING STATEMENTS for Parachute Rigger Exams**

RIG001	Recall canopy - characteristics / design / inspection / malfunction / repair
RIG002	Recall canopy - exit weight / deployment and flight characteristics
RIG003	Recall canopy - folding / packing / stowage / layout
RIG004	Recall canopy - packing / stowage / layout
RIG005	Recall canopy deployment - devices / sequence / malfunction
RIG006	Recall certification - requirements / privileges / currency / limitations
RIG007	Recall container - design / repair / packing
RIG008	Recall correct rigging procedures
RIG009	Recall fabric - inspection / repair / design / characteristics
RIG010	Recall forces acting on a parachute
RIG011	Recall harness - assembly / adjustment
RIG012	Recall knots - identification / design / repair
RIG013	Recall line replacement / repair - procedures / techniques
RIG014	Recall maintenance fundamentals - cleaning / storage
RIG015	Recall material - threads / defects
RIG016	Recall material - webbing / hook and pile / warp threads
RIG017	Recall packing - airing / drying
RIG018	Recall packing fundamentals - handling / cleaning / storage
RIG019	Recall parachute construction - components
RIG020	Recall parachute performance
RIG021	Recall parachute repair - stitching / seams
RIG022	Recall patching - procedures / techniques
RIG023	Recall ram-air canopy - deployment devices
RIG024	Recall ram-air canopy - design / container / harness
RIG025	Recall ram-air canopy - inspection / assembly / malfunction / repair
RIG026	Recall regulation - Airworthiness Directive
RIG027	Recall regulations - facilities / equipment
RIG028	Recall regulations - foreign parachutists / equipment
RIG029	Recall regulations - inspecting / closing / finishing / sealing parachutes
RIG030	Recall regulations - major / minor repairs / alterations
RIG031	Recall regulations - performance standards
RIG032	Recall regulations - records
RIG033	Recall regulatory requirements - rules & regulations
RIG034	Recall regulatory specifics - rules & regulations
RIG035	Recall ripcord - inspection / repair / replacement / assembly / design / functions
RIG036	Recall sewing - repair / maintenance
RIG037	Recall sewing machine - attachments / needles / thread
RIG038	Recall sewing machine - techniques / adjusting / troubleshooting
RIG039	Recall sewing machine - types / components / functions
RIG040	Recall stitching / seams - types / design / repair
RIG041	Recall suspension / steering lines - inspection / repair / packing / malfunction / design
RIG042	Recall tools
RIG043	Recall TSO requirements
RIG044	Recall types of cuts - shearing / searing / cutting

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Inspection Authorization**

IAR001	Calculate alteration specification
IAR002	Calculate center of gravity
IAR003	Calculate electrical load
IAR004	Calculate proof loading
IAR005	Calculate repair specific
IAR006	Calculate sheet metal repair
IAR007	Calculate temperature conversion
IAR008	Calculate weight and balance - adjust weight / fuel
IAR009	Determine alteration parameters
IAR010	Determine alteration requirements
IAR011	Determine Correct data
IAR012	Determine data application
IAR013	Determine design specific
IAR014	Determine fabrication specification
IAR015	Determine process specific
IAR016	Determine regulatory requirement
IAR017	Determine regulatory requirements
IAR018	Determine repair parameters
IAR019	Determine repair requirements
IAR020	Interpret data
IAR021	Interpret regulations
IAR022	Recall alteration / design fundamentals
IAR023	Recall engine repair fundamentals
IAR024	Recall fundamental inspection principles - airframe / engine
IAR025	Recall MEL requirements
IAR026	Recall principles of corrosion control
IAR027	Recall principles of sheet metal forming
IAR028	Recall principles of system fundamentals
IAR029	Recall principles of weight and balance
IAR030	Recall regulatory requirements
IAR031	Recall regulatory specific
IAR032	Recall repair fundamentals

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Aviation Mechanic - General Exams**

AMG001	Ability to draw / sketch repairs / alterations
AMG002	Calculate center of gravity
AMG003	Calculate weight and balance
AMG004	Determine correct data
AMG005	Determine regulatory requirement.
AMG006	Interpret drag ratio from charts
AMG007	Recall aerodynamic fundamentals
AMG008	Recall air density
AMG009	Recall aircraft cleaning - materials / techniques
AMG010	Recall aircraft component markings
AMG011	Recall aircraft control cables - install / inspect / repair / service
AMG012	Recall aircraft corrosion - principles / control / prevention
AMG013	Recall aircraft drawings - detail / assembly
AMG014	Recall aircraft drawings / blueprints - lines / symbols / sketching
AMG015	Recall aircraft electrical system - install / inspect / repair / service
AMG016	Recall aircraft engines - performance charts
AMG017	Recall aircraft hardware - bolts / nuts / fasteners / fittings / valves
AMG018	Recall aircraft instruments - tachometer indications / dual tachometers
AMG019	Recall aircraft metals - inspect / test / repair / identify / heat treat
AMG020	Recall aircraft metals - types / tools / fasteners
AMG021	Recall aircraft publications - aircraft listings
AMG022	Recall aircraft records - required / destroyed
AMG023	Recall aircraft repair - major
AMG024	Recall airframe - inspections
AMG025	Recall airworthiness certificates - validity / requirements
AMG026	Recall ATA codes
AMG027	Recall basic physics - matter / energy / gas
AMG028	Recall data - approved
AMG029	Recall dissymmetry
AMG030	Recall effects of frost / snow on airfoils
AMG031	Recall electrical system - components / operating principles / characteristics / symbols
AMG032	Recall environmental factors affecting maintenance performance
AMG033	Recall external loading
AMG034	Recall flight characteristics - autorotation / compressibility
AMG035	Recall flight operations - air taxi
AMG036	Recall fluid lines - install / inspect / repair / service
AMG037	Recall fluid lines - material / coding
AMG038	Recall forces acting on aircraft - angle of incidence
AMG039	Recall forces acting on aircraft - yaw / adverse yaw
AMG040	Recall fuel - types / characteristics / contamination / fueling / defueling / dumping
AMG041	Recall fundamental inspection principles - airframe / engine
AMG042	Recall fundamental material properties
AMG043	Recall generator system - components / operating principles / characteristics
AMG044	Recall geometry

AMG045 Recall ground operations - start / move / service / secure aircraft  
 AMG046 Recall helicopter engine control system  
 AMG047 Recall helicopter flight controls  
 AMG048 Recall information on an Airworthiness Directive  
 AMG049 Recall instrument panel mounting  
 AMG050 Recall maintenance error management  
 AMG051 Recall maintenance publications - service / parts / repair  
 AMG052 Recall maintenance resource management  
 AMG053 Recall mathematics - percentages / decimals / fractions / ratio / general  
 AMG054 Recall penalties - falsification / cheating  
 AMG055 Recall physics - work forces  
 AMG056 Recall pitch control - collective / cyclic  
 AMG057 Recall precision measuring tools - meters / gauges / scales / calipers  
 AMG058 Recall reciprocating engine - components / operating principles / characteristics  
 AMG059 Recall regulations - aircraft inspection / records / expiration  
 AMG060 Recall regulations - aircraft operator certificate  
 AMG061 Recall regulations - aircraft registration / marks  
 AMG062 Recall regulations - Airworthiness Directives  
 AMG063 Recall regulations - airworthiness requirements / responsibilities  
 AMG064 Recall regulations - certificate of maintenance review requirements  
 AMG065 Recall regulations - Certificate of Release  
 AMG066 Recall regulations - certification of aircraft and components  
 AMG067 Recall regulations - change of address  
 AMG068 Recall regulations - check periods  
 AMG069 Recall regulations - determine mass and balance  
 AMG070 Recall regulations - display / inspection of licences and certificates  
 AMG071 Recall regulations - emergency equipment  
 AMG072 Recall regulations - flight / operating manual marking / placard  
 AMG073 Recall regulations - housing and facility requirements  
 AMG074 Recall regulations - instrument / equipment requirements  
 AMG075 Recall regulations - maintenance control / procedure manual  
 AMG076 Recall regulations - maintenance reports / records / entries  
 AMG077 Recall regulations - maintenance requirements  
 AMG078 Recall regulations - minimum equipment list  
 AMG079 Recall regulations - minor / major repairs  
 AMG080 Recall regulations - persons authorized for return to service  
 AMG081 Recall regulations - persons authorized to perform maintenance  
 AMG082 Recall regulations - privileges / limitations of maintenance certificates / licences  
 AMG083 Recall regulations - privileges of approved maintenance organizations  
 AMG084 Recall regulations - reapplication after revocation / suspension  
 AMG085 Recall regulations - reporting failures / malfunctions / defects  
 AMG086 Recall regulations - return to service  
 AMG087 Recall regulations - special airworthiness certificates / requirements  
 AMG088 Recall regulations - special flight permit  
 AMG089 Recall regulations - weighing an aircraft  
 AMG090 Recall repair fundamentals - turnbuckles  
 AMG091 Recall rotor system - components / operating principles / characteristics  
 AMG092 Recall rotorcraft vibration - characteristics / sources

- AMG093 Recall starter / ignition system - components / operating principles / characteristics
- AMG094 Recall starter system - starting procedures
- AMG095 Recall turbine engines - components / operational characteristics / associated instruments
- AMG096 Recall turbine engines - install / inspect / repair / service / hazards
- AMG097 Recall type certificate data sheet (TCDS) / supplemental type certificate (STC)
- AMG098 Recall welding types / techniques / equipment
- AMG099 Recall work / power / force / motion
- AMG100 Recall mathematics – extract roots / radicals / scientific notation
- AMG101 Recall positive / negative algebraic operations – addition / subtraction / multiplication / division
- AMG102 Recall aircraft electrical circuit diagrams – read / interpret / troubleshoot
- AMG103 Define maintenance resource management
- AMG104 Recall human reliability in maintenance errors
- AMG105 Recall environmental factors leading to maintenance errors
- AMG106 Recall fatigue in maintenance errors causes / interventions
- AMG107 Recall error management
- AMG108 Recall maintenance resource management
- AMG109 Recall error management in shift turnover
- AMG110 Recall error capture / duplicate inspection
- AMG111 Recall ergonomic interventions to maintenance errors
- AMG112 Recall interventions to prevent cross-connection maintenance errors
- AMG113 Recall interventions to prevent shift / task turnover errors
- AMG115 Recall environmental factors affecting maintenance performance – lighting / temperature / noise / air quality
- AMG116 Recall error intervention – interruptions / access

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Aviation Mechanic - Airframe Exam**

AMA001	Recall aerodynamic fundamentals
AMA002	Recall air conditioning system - components / operating principles / characteristics
AMA003	Recall aircraft component markings
AMA004	Recall aircraft components material - flame resistant
AMA005	Recall aircraft cooling system - charging / leaking / oil / pressure / water
AMA006	Recall aircraft cooling system - components / operating principles / characteristics
AMA007	Recall aircraft corrosion - principles / control / prevention
AMA008	Recall aircraft engines - indicating system
AMA009	Recall aircraft exterior lighting - systems / components
AMA010	Recall aircraft flight indicator system
AMA011	Recall aircraft hardware - bolts / nuts / fasteners / fittings / valves
AMA012	Recall aircraft heating system - exhaust jacket inspection
AMA013	Recall aircraft instruments - install / inspect / adjust / repair / markings
AMA014	Recall aircraft instruments - types / components / operating principles / characteristics
AMA015	Recall aircraft lighting - install / inspect / repair / service
AMA016	Recall aircraft metals - inspect / test / repair / identify
AMA017	Recall aircraft metals - types / tools / fasteners
AMA018	Recall aircraft warning systems - navigation / stall / takeoff
AMA019	Recall airframe - inspections
AMA020	Recall airframe - repair / component installation
AMA021	Recall airframe design - structures / components
AMA022	Recall alternators - components / operating principles / characteristics
AMA023	Recall antenna system - install / inspect / repair / service
AMA024	Recall anti-icing / deicing - methods / systems
AMA025	Recall autopilot - components / operating principles / characteristics
AMA026	Recall autopilot - install / inspect / repair / service
AMA027	Recall avionics - components / operating principles / characteristics
AMA028	Recall avionics - install / inspect / repair / service
AMA029	Recall basic hand tools / torque values
AMA030	Recall batteries - capacity / charging / types / storage / rating / precautions
AMA031	Recall brake system - components / operating principles / characteristics
AMA032	Recall brake system - install / inspect / repair / service
AMA033	Recall carburetor - icing / anti-icing
AMA034	Recall chemical rain repellent
AMA035	Recall combustion heaters - components / operating principles / characteristics
AMA036	Recall compass - components / operating principles / characteristics
AMA037	Recall composite materials - types / repairs / techniques / processes
AMA038	Recall control cables - install / inspect / repair / service
AMA039	Recall DC electric motors - components / operating principles / characteristics
AMA040	Recall dope and fabric - materials / techniques / hazards
AMA041	Recall electrical system - components / operating principles / characteristics / symbols
AMA042	Recall electrical system - install / inspect / repair / service
AMA043	Recall electronic test equipment

AMA044 Recall Emergency Locator Transmitter (ELT) - operation / battery / testing  
 AMA045 Recall fiberglass - install / troubleshoot / service / repair  
 AMA046 Recall fire detection system - types / components / operating principles / characteristics  
 AMA047 Recall fire detection systems - install / inspect / repair / service  
 AMA048 Recall fire extinguishing systems - components / operating principles / characteristics  
 AMA049 Recall flap overload valve  
 AMA050 Recall flight characteristics - longitudinal stability / instability  
 AMA051 Recall fluid lines - material / coding  
 AMA052 Recall fuel - types / characteristics / contamination / fueling / defueling / dumping  
 AMA053 Recall fuel / oil - anti-icing / deicing  
 AMA054 Recall fuel system - components / operating principles / characteristics  
 AMA055 Recall fuel system - install / troubleshoot / service / repair  
 AMA056 Recall fuel system - types  
 AMA057 Recall fuel/air mixture - idle rich mixture - RPM rise  
 AMA058 Recall fundamental material properties  
 AMA059 Recall fuselage stations  
 AMA060 Recall helicopter control system  
 AMA061 Recall helicopter control system - collective  
 AMA062 Recall helicopter drive system - free wheeling unit  
 AMA063 Recall hydraulic systems - components / operating principles / characteristics  
 AMA064 Recall hydraulic systems - fluids  
 AMA065 Recall hydraulic systems - install / inspect / repair / service  
 AMA066 Recall instrument panel installation - shock mounts  
 AMA067 Recall instruments - manifold pressure indicating system  
 AMA068 Recall landing gear system - components / operating principles / characteristics  
 AMA069 Recall landing gear system - install / inspect / repair / service  
 AMA070 Recall maintenance publications - service / parts / repair  
 AMA071 Recall navigation / communication systems - types / operational characteristics  
 AMA072 Recall oxygen system - components / operating principles / characteristics  
 AMA073 Recall oxygen system - install / inspect / repair / service / precautions  
 AMA074 Recall oxygen system - quality / types / contamination / cylinders / pressure  
 AMA075 Recall physics - work forces  
 AMA076 Recall pitot-static system - components / operating principles / characteristics  
 AMA077 Recall pitot-static system - install / inspect / repair / service  
 AMA078 Recall plastic fundamentals - installation / cleaning / repair / characteristics  
 AMA079 Recall pneumatic system - components / operating principles / characteristics  
 AMA080 Recall pressurization system - components / operating principles / characteristics  
 AMA081 Recall primary flight controls - inspect / adjust / repair  
 AMA082 Recall primary flight controls - types / purpose / functionality  
 AMA083 Recall radar altimeter - indications  
 AMA084 Recall radar altimeter - signals  
 AMA085 Recall radio system - components / operating principles / characteristics  
 AMA086 Recall radio system - install / inspect / repair / service  
 AMA087 Recall radio system - licence requirements / frequencies  
 AMA088 Recall regulations - airworthiness requirements / responsibilities  
 AMA089 Recall regulations - maintenance reports / records / entries

- AMA090 Recall regulations - privileges / limitations of maintenance certificates / licences
- AMA091 Recall rotor system - components / operating principles / characteristics
- AMA092 Recall secondary flight control system - inspect / adjust / repair
- AMA093 Recall secondary flight control system - types / purpose / functionality
- AMA094 Recall sheet metal fabrication - blueprints / shaping / construction
- AMA095 Recall smoke detection systems - types / components / operating principles / characteristics
- AMA096 Recall static pressure system - install / inspect / repair / service
- AMA097 Recall tires - install / inspect / repair / service / storage
- AMA098 Recall turbine engines - components / operational characteristics / associated instruments
- AMA099 Recall type certificate data sheet (TCDS) / supplemental type certificate (STC)
- AMA100 Recall weight and balance - equipment installation / CG / general principles
- AMA101 Recall welding / soldering - types / techniques / equipment
- AMA102 Recall wooden components - failures / decay / patching / gluing / substitutions

**LEARNING STATEMENT CODES and LEARNING STATEMENTS  
for Aviation Mechanic - Powerplant Exam**

AMP001	Recall aircraft alternators - components / operating principles / characteristics
AMP002	Recall aircraft batteries - capacity / charging / types / storage / rating / precautions
AMP003	Recall aircraft carburetor - icing / anti-icing
AMP004	Recall aircraft component markings
AMP005	Recall aircraft cooling system - components / operating principles / characteristics
AMP006	Recall aircraft electrical system - install / inspect / repair / service
AMP007	Recall aircraft engine - inspections / cleaning
AMP008	Recall aircraft engines - components / operating principles / characteristics
AMP009	Recall aircraft engines - indicating system
AMP010	Recall aircraft fire classifications
AMP011	Recall aircraft hydraulic systems - components / operating principles / characteristics
AMP012	Recall aircraft instruments - types / components / operating principles / characteristics / markings
AMP013	Recall airflow systems - Bellmouth compressor inlet
AMP014	Recall airframe - inspections
AMP015	Recall altitude compensator / aneroid valve
AMP016	Recall anti-icing / deicing - methods / systems
AMP017	Recall Auxiliary Power Units - components / operating principles / characteristics
AMP018	Recall Auxiliary Power Units - install / inspect / repair / service
AMP019	Recall axial flow compressor - components / operating principles / characteristics
AMP020	Recall basic physics - matter / energy / gas
AMP021	Recall carburetor - effects of carburetor heat / heat control
AMP022	Recall carburetors - components / operating principles / characteristics
AMP023	Recall carburetors - install / inspect / repair / service
AMP024	Recall data - approved
AMP025	Recall DC electric motors - components / operating principles / characteristics
AMP026	Recall electrical system - components / operating principles / characteristics
AMP027	Recall engine cooling system - components / operating principles / characteristics
AMP028	Recall engine cooling system - install / inspect / repair / service
AMP029	Recall engine lubricating oils - function / grades / viscosity / types
AMP030	Recall engine lubricating system - components / operating principles / characteristics
AMP031	Recall engine lubricating system - install / inspect / repair / service
AMP032	Recall engine operations - thrust / thrust reverser
AMP033	Recall engine pressure ratio - EPR
AMP034	Recall fire detection system - types / components / operating principles / characteristics
AMP035	Recall fire detection systems - install / inspect / repair / service
AMP036	Recall fire extinguishing systems - components / operating principles / characteristics
AMP037	Recall float type carburetor - components / operating principles / characteristics
AMP038	Recall float type carburetor - install / inspect / repair / service
AMP039	Recall fuel - types / characteristics / contamination / fueling / defueling / dumping
AMP040	Recall fuel / oil - anti-icing / deicing

AMP041 Recall fuel system - components / operating principles / characteristics

AMP042 Recall fuel system - install / troubleshoot / service / repair

AMP043 Recall fuel system - types

AMP044 Recall generator system - components / operating principles / characteristics

AMP045 Recall information on an Airworthiness Directive

AMP046 Recall magneto - components / operating principles / characteristics

AMP047 Recall magneto - install / inspect / repair / service

AMP048 Recall maintenance publications - service / parts / repair

AMP049 Recall piston assembly - components / operating principles / characteristics

AMP050 Recall powerplant design - structures / components

AMP051 Recall pressure type carburetor - components / operating principles / characteristics

AMP052 Recall propeller system - install / inspect / repair / service

AMP053 Recall propeller system - types/ components / operating principles / characteristics

AMP054 Recall radial engine - components / operating principles / characteristics

AMP055 Recall radial engine - install / inspect / repair / service

AMP056 Recall reciprocating engine - components / operating principles / characteristics

AMP057 Recall reciprocating engine - install / inspect / repair / service

AMP058 Recall regulations - maintenance reports / records / entries

AMP059 Recall regulations - privileges / limitations of maintenance certificates / licences

AMP060 Recall regulations - privileges of approved maintenance organizations

AMP061 Recall rotor system - components / operating principles / characteristics

AMP062 Recall sea level - standard temperature / pressure

AMP063 Recall starter / ignition system - components / operating principles / characteristics

AMP064 Recall starter / ignition system - install / inspect / repair / service

AMP065 Recall starter system - starting procedures

AMP066 Recall thermocouples - components / operating principles / characteristics

AMP067 Recall thermocouples - install / inspect / repair / service

AMP068 Recall turbine engines - components / operational characteristics / associated instruments

AMP069 Recall turbine engines - install / inspect / repair / service / hazards

AMP070 Recall turbocharger system - components / operating principles / characteristics

AMP071 Recall turbojet - components / operating principles / characteristics

AMP072 Recall type certificate data sheet (TCDS) / supplemental type certificate (STC)

AMP073 Recall welding types / techniques / equipment