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 or rating takes the applicable airman knowledge test required for that certificate/rating, 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. 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 can be obtained from the Federal Aviation Administration (FAA) website at: Learning Statement Reference Guide (faa.gov)
LEARNING STATEMENT CODES and LEARNING STATEMENTS
for Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator Exams

PLT001  Calculate a course intercept
PLT002  Calculate aircraft performance – airspeed
PLT003  Calculate aircraft performance - center of gravity
PLT004  Calculate aircraft performance - climb / descent / maneuvering
PLT005  Calculate aircraft performance - density altitude
PLT006  Calculate aircraft performance – glide
PLT007  Calculate aircraft performance – IAS
PLT008  Calculate aircraft performance – landing
PLT009  Calculate aircraft performance - turbine temperatures (MGT, EGT, ITT, T4, etc) / torque / horsepower
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 to a station
PLT015  Calculate flight performance / planning – range / endurance
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 / National Convective Weather Forecast
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 Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator Exams

PLT044 Interpret ATC communications / instructions / terminology
PLT045 Interpret Descent Performance Chart
PLT046 Interpret drag ratio from charts
PLT047 Interpret/Program Flight Director/FMS/Automation - modes / operation / indications / errors
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 / K Index / Lifted Index
PLT063 Interpret information on a Radar Summary Chart (DELETED)
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 (DELETED 6/12/2017)
PLT076 Interpret information on a Winds and Temperatures Aloft Forecast (FB)
PLT077 Interpret information on an Airport Diagram
PLT078 Interpret information in a Chart Supplements U.S.
PLT079 Interpret information on an Airways Chart
PLT080 Interpret information on an Arrival Chart
PLT081 Interpret information on an Aviation Area Forecast (FA) (DELETED 6/12/2017)
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 Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator 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 / NAV
PLT091 Interpret VOR / CDI - illustrations / indications / procedures
PLT092 Interpret weight and balance - diagram
PLT093 Recall administration of medical oxygen
PLT094 Recall aerodynamics - airfoil design / pressure distribution / effects of altitude
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 / CRM
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 Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator 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 glide path 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 weight-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 Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator 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 (DELETED)
PLT210 Recall engine shutdown - normal / abnormal / emergency / precautions
PLT211 Recall evaluation testing characteristics
LEARNING STATEMENT CODES and LEARNING STATEMENTS for Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator 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 Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator 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 helicopter hazards - dynamic rollover / Low G / LTE
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 – personality / human needs / adult learning
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 a Chart Supplements U.S.
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 (FB)
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) (DELETED 6/12/2017)
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 Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator 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 / aero-tow procedures
PLT305  Recall leading edge devices - types / effect / purpose / operation
PLT306  Recall learning process – theory / definition / levels, style, transfer of learning / incidental learning / acquiring skill
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 / stress / fatigue
PLT333  Recall physiological factors - night vision
PLT334  Recall physiological factors - spatial disorientation
PLT335  Recall pilotage - calculations
PLT336  Recall pitch control - collective / cyclic
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<td>PLT408</td>
<td>Recall regulations - fire extinguisher requirements</td>
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<tr>
<td>PLT409</td>
<td>Recall regulations - flight / duty time</td>
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<tr>
<td>PLT410</td>
<td>Recall regulations - flight engineer qualifications / privileges / responsibilities</td>
</tr>
<tr>
<td>PLT411</td>
<td>Recall regulations - flight instructor limitations / qualifications</td>
</tr>
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<td>PLT412</td>
<td>Recall regulations - flight release</td>
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<td>Recall regulations - fuel requirements</td>
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<td>Recall regulations - general right-of-way rules</td>
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<td>Recall regulations - IFR flying</td>
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<td>Recall regulations - immediate notification</td>
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<td>Recall regulations - individual flotation devices</td>
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<td>Recall regulations - instructor demonstrations / authorizations</td>
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<td>Recall regulations - instructor requirements / responsibilities</td>
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<td>PLT420</td>
<td>Recall regulations - instrument approach procedures</td>
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<td>Number</td>
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<td>PLT421</td>
<td>Recall regulations - instrument flight rules</td>
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<td>Recall regulations - intermediate airport authorizations</td>
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<td>Recall regulations - knowledge and skill test checks</td>
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<td>Recall regulations - limits on autopilot usage</td>
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<td>PLT425</td>
<td>Recall regulations - maintenance reports / records / entries</td>
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<td>PLT426</td>
<td>Recall regulations - maintenance requirements</td>
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<td>PLT427</td>
<td>Recall regulations - medical certificate requirements / validity</td>
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<td>PLT428</td>
<td>Recall regulations - minimum equipment list</td>
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<td>PLT429</td>
<td>Recall regulations - minimum flight / navigation instruments</td>
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<td>PLT430</td>
<td>Recall regulations - minimum safe / flight altitude</td>
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<td>PLT431</td>
<td>Recall regulations - operating near other aircraft</td>
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<td>PLT432</td>
<td>Recall regulations - operational control functions</td>
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<td>Recall regulations - operational flight plan requirements</td>
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<td>Recall regulations - operational procedures for a controlled airport</td>
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<td>PLT435</td>
<td>Recall regulations - operational procedures for an uncontrolled airport</td>
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<td>PLT436</td>
<td>Recall regulations - operations manual</td>
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<td>PLT437</td>
<td>Recall regulations - overwater operations</td>
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<td>Recall regulations - oxygen requirements</td>
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<td>PLT439</td>
<td>Recall regulations - persons authorized to perform maintenance</td>
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<td>PLT440</td>
<td>Recall regulations - Pilot / Crew duties and responsibilities</td>
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<td>Recall regulations - pilot briefing</td>
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<td>Recall regulations - pilot currency requirements</td>
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<td>PLT443</td>
<td>Recall regulations - pilot qualifications / privileges / responsibilities / crew complement</td>
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<td>PLT444</td>
<td>Recall regulations - pilot-in-command authority / responsibility</td>
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<td>PLT445</td>
<td>Recall regulations - preflight requirements</td>
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<td>PLT446</td>
<td>Recall regulations - preventative maintenance</td>
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<td>PLT447</td>
<td>Recall regulations - privileges / limitations of medical certificates</td>
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<td>PLT448</td>
<td>Recall regulations - privileges / limitations of pilot certificates</td>
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<td>Recall regulations - proficiency check requirements</td>
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<td>PLT450</td>
<td>Recall regulations - qualifications / duty time</td>
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<td>PLT451</td>
<td>Recall regulations - ratings issued / experience requirements / limitations</td>
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<td>PLT452</td>
<td>Recall regulations - re-dispatch</td>
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<td>PLT453</td>
<td>Recall regulations - records retention for domestic / flag air carriers</td>
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<td>PLT454</td>
<td>Recall regulations - required aircraft / equipment inspections</td>
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<td>Recall regulations - requirements of a flight plan release</td>
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<td>PLT456</td>
<td>Recall regulations - runway requirements</td>
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<tr>
<td>PLT457</td>
<td>Recall regulations - student pilot endorsements / other endorsements</td>
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<tr>
<td>PLT458</td>
<td>Recall regulations - submission / revision of Policy and Procedure Manuals</td>
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<tr>
<td>PLT459</td>
<td>Recall regulations - takeoff procedures / minimums</td>
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<tr>
<td>PLT460</td>
<td>Recall regulations - training programs</td>
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<tr>
<td>PLT461</td>
<td>Recall regulations - use of aircraft lights</td>
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LEARNING STATEMENT CODES and LEARNING STATEMENTS for Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator 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 - process / organize 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 Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator 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 - FAA Avcams
PLT514 Recall weather reporting systems - briefings / forecasts / reports / AWOS / ASOS
PLT515 Recall weather services - TIBS / TPC / WFO / 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
PLT526 Recall near midair collision report
PLT527 Recall BASIC VFR – weather minimums
PLT528 Recall regulations – small UAS operations / weight limitations
PLT529 Recall physiological factors – prescription and over-the-counter drugs
PLT530 Recall regulations – small UAS aircraft registration / display of registration
PLT531 Recall regulations – operation of multiple sUAs
PLT532 Recall operating limitations – small UAS aircraft visibility / distance from clouds
PLT533 Recall regulations – small UAS operation over humans
PLT534 Recall regulations – small UAS operational control / condition for safe operation / VLOS / frequency interference
PLT535 Recall regulations – hazardous operations
PLT536 Recall physiological factors – dehydration / heat stroke
PLT537 Recall regulations – sUAS waivers
PLT538 Recall regulations – BasicMed
PLT539 Recall information in a POH/AFM
PLT540 Recall airport operations – rotating beacon
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>PLT541</td>
<td>Recall information on an Aircraft Registration Certificate</td>
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<td>PLT542</td>
<td>Recall airport operations - radio failure</td>
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<tr>
<td>PLT543</td>
<td>Recall Regulations – RVSM</td>
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<tr>
<td>PLT544</td>
<td>Recall Voluntary Reporting Programs – ASAP / NASA</td>
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<tr>
<td>PLT545</td>
<td>Recall teaching methods – problem-based</td>
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<tr>
<td>PLT546</td>
<td>Recall Authentic Assessment</td>
</tr>
<tr>
<td>PLT547</td>
<td>Recall teaching risk management – identification / assessment / mitigation</td>
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<tr>
<td>PLT548</td>
<td>Recall teaching risk management – FRATs</td>
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<tr>
<td>PLT549</td>
<td>Recall teaching risk management – introducing risk management</td>
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<tr>
<td>PLT550</td>
<td>Recall risk management – identification / assessment / mitigation</td>
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<tr>
<td>PLT551</td>
<td>Recall risk management – FRATs</td>
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<tr>
<td>PLT552</td>
<td>Recall collision avoidance – TIS</td>
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<tr>
<td>PLT553</td>
<td>Recall-Minimum sink speed</td>
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</tbody>
</table>
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

Effective August 1, 2023, 14 CFR Part §65 will require the Mechanic Airman Certification
Standards (ACS) to be used as the standard for testing mechanic applicants, and as feedback
on the Airman Knowledge Test Report for questions missed. AMG Learning Statement Codes
are valid for Airman Knowledge Tests administered prior to August 1, 2023.

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
Recall forces acting on aircraft - yaw / adverse yaw
Recall fuel - types / characteristics / contamination / fueling / defueling / dumping
Recall fundamental inspection principles - airframe / engine
Recall fundamental material properties
Recall generator system - components / operating principles / characteristics
Recall geometry
Recall ground operations - start / move / service / secure aircraft
Recall helicopter engine control system
Recall helicopter flight controls
Recall information on an Airworthiness Directive
Recall instrument panel mounting
Recall maintenance error management
Recall maintenance publications - service / parts / repair
Recall maintenance resource management
Recall mathematics - percentages / decimals / fractions / ratio / general
Recall penalties - falsification / cheating
Recall physics - work forces
Recall pitch control - collective / cyclic
Recall precision measuring tools - meters / gauges / scales / calipers
Recall reciprocating engine - components / operating principles / characteristics
Recall regulations - aircraft inspection / records / expiration
Recall regulations - aircraft operator certificate
Recall regulations - aircraft registration / marks
Recall regulations - Airworthiness Directives
Recall regulations - airworthiness requirements / responsibilities
Recall regulations - certificate of maintenance review requirements
Recall regulations - Certificate of Release
Recall regulations - certification of aircraft and components
Recall regulations - change of address
Recall regulations - check periods
Recall regulations - determine mass and balance
Recall regulations - display / inspection of licenses and certificates
Recall regulations - emergency equipment
Recall regulations - flight / operating manual marking / placard
Recall regulations - housing and facility requirements
Recall regulations - instrument / equipment requirements
Recall regulations - maintenance control / procedure manual
Recall regulations - maintenance reports / records / entries
Recall regulations - maintenance requirements
Recall regulations - minimum equipment list
Recall regulations - minor / major repairs
Recall regulations - persons authorized for return to service
Recall regulations - persons authorized to perform maintenance
Recall regulations - privileges / limitations of maintenance certificates / licenses
Recall regulations - privileges of approved maintenance organizations
Recall regulations - reapplication after revocation / suspension
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<th>Code</th>
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<tbody>
<tr>
<td>AMG085</td>
<td>Recall regulations - reporting failures / malfunctions / defects</td>
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<tr>
<td>AMG086</td>
<td>Recall regulations - return to service</td>
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<tr>
<td>AMG087</td>
<td>Recall regulations - special airworthiness certificates / requirements</td>
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<td>AMG088</td>
<td>Recall regulations - special flight permit</td>
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<td>AMG089</td>
<td>Recall regulations - weighing an aircraft</td>
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<td>AMG090</td>
<td>Recall repair fundamentals - turnbuckles</td>
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<td>AMG091</td>
<td>Recall rotor system - components / operating principles / characteristics</td>
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<td>AMG092</td>
<td>Recall rotorcraft vibration - characteristics / sources</td>
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<tr>
<td>AMG093</td>
<td>Recall starter / ignition system - components / operating principles /</td>
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<td>characteristics</td>
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<td>AMG094</td>
<td>Recall starter system - starting procedures</td>
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<td>AMG095</td>
<td>Recall turbine engines - components / operational characteristics /</td>
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<td>AMG096</td>
<td>Recall turbine engines - install / inspect / repair / service / hazards</td>
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<td>AMG097</td>
<td>Recall type certificate data sheet (TCDS) / supplemental type certificate (STC)</td>
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<td>Recall welding types / techniques / equipment</td>
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<td>Recall work / power / force / motion</td>
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<td>Recall mathematics – extract roots / radicals / scientific notation</td>
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<td>AMG101</td>
<td>Recall positive / negative algebraic operations – addition / subtraction /</td>
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<td>AMG102</td>
<td>Recall aircraft electrical circuit diagrams – read / interpret / troubleshoot</td>
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<td>AMG103</td>
<td>Define maintenance resource management</td>
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<td>AMG104</td>
<td>Recall human reliability in maintenance errors</td>
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<td>AMG105</td>
<td>Recall environmental factors leading to maintenance errors</td>
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<tr>
<td>AMG106</td>
<td>Recall fatigue in maintenance errors causes / interventions</td>
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<tr>
<td>AMG107</td>
<td>Recall error management</td>
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<td>AMG108</td>
<td>Recall maintenance resource management</td>
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<tr>
<td>AMG109</td>
<td>Recall error management in shift turnover</td>
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<td>AMG110</td>
<td>Recall error capture / duplicate inspection</td>
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<td>AMG111</td>
<td>Recall ergonomic interventions to maintenance errors</td>
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<td>AMG112</td>
<td>Recall interventions to prevent cross-connection maintenance errors</td>
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<td>AMG113</td>
<td>Recall interventions to prevent shift / task turnover errors</td>
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<td>AMG115</td>
<td>Recall environmental factors affecting maintenance performance – lighting /</td>
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<td>temperature / noise / air quality</td>
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<tr>
<td>AMG116</td>
<td>Recall error intervention – interruptions / access</td>
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**LEARNING STATEMENT CODES and LEARNING STATEMENTS for Aviation Mechanic - Airframe Exams**

Effective August 1, 2023, 14 CFR Part §65 will require the Mechanic Airman Certification Standards (ACS) to be used as the standard for testing mechanic applicants, and as feedback on the Airman Knowledge Test Report for questions missed. AMA Learning Statement Codes are valid for Airman Knowledge Tests administered prior to August 1, 2023.

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<th>Code</th>
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<td>AMA001</td>
<td>Recall aerodynamic fundamentals</td>
</tr>
<tr>
<td>AMA002</td>
<td>Recall air conditioning system - components / operating principles / characteristics</td>
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<tr>
<td>AMA003</td>
<td>Recall aircraft component markings</td>
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<td>AMA004</td>
<td>Recall aircraft components material - flame resistant</td>
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<tr>
<td>AMA005</td>
<td>Recall aircraft cooling system - charging / leaking / oil / pressure / water</td>
</tr>
<tr>
<td>AMA006</td>
<td>Recall aircraft cooling system - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA007</td>
<td>Recall aircraft corrosion - principles / control / prevention</td>
</tr>
<tr>
<td>AMA008</td>
<td>Recall aircraft engines - indicating system</td>
</tr>
<tr>
<td>AMA009</td>
<td>Recall aircraft exterior lighting - systems / components</td>
</tr>
<tr>
<td>AMA010</td>
<td>Recall aircraft flight indicator system</td>
</tr>
<tr>
<td>AMA011</td>
<td>Recall aircraft hardware - bolts / nuts / fasteners / fittings / valves</td>
</tr>
<tr>
<td>AMA012</td>
<td>Recall aircraft heating system - exhaust jacket inspection</td>
</tr>
<tr>
<td>AMA013</td>
<td>Recall aircraft instruments - install / inspect / adjust / repair / markings</td>
</tr>
<tr>
<td>AMA014</td>
<td>Recall aircraft instruments - types / components / operating principles / characteristics</td>
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<td>Recall aircraft lighting - install / inspect / repair / service</td>
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<td>AMA016</td>
<td>Recall aircraft metals - inspect / test / repair / identify</td>
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<td>AMA017</td>
<td>Recall aircraft metals - types / tools / fasteners</td>
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<td>AMA018</td>
<td>Recall aircraft warning systems - navigation / stall / takeoff</td>
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<td>AMA019</td>
<td>Recall airframe - inspections</td>
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<td>Recall airframe - repair / component installation</td>
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<td>AMA021</td>
<td>Recall airframe design - structures / components</td>
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<tr>
<td>AMA022</td>
<td>Recall alternators - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA023</td>
<td>Recall antenna system - install / inspect / repair / service</td>
</tr>
<tr>
<td>AMA024</td>
<td>Recall anti-icing / deicing - methods / systems</td>
</tr>
<tr>
<td>AMA025</td>
<td>Recall autopilot - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA026</td>
<td>Recall autopilot - install / inspect / repair / service</td>
</tr>
<tr>
<td>AMA027</td>
<td>Recall avionics - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA028</td>
<td>Recall avionics - install / inspect / repair / service</td>
</tr>
<tr>
<td>AMA029</td>
<td>Recall basic hand tools / torque values</td>
</tr>
<tr>
<td>AMA030</td>
<td>Recall batteries - capacity / charging / types / storage / rating / precautions</td>
</tr>
<tr>
<td>AMA031</td>
<td>Recall brake system - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA032</td>
<td>Recall brake system - install / inspect / repair / service</td>
</tr>
<tr>
<td>AMA033</td>
<td>Recall carburetor - icing / anti-icing</td>
</tr>
<tr>
<td>AMA034</td>
<td>Recall chemical rain repellant</td>
</tr>
<tr>
<td>AMA035</td>
<td>Recall combustion heaters - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA036</td>
<td>Recall compass - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA037</td>
<td>Recall composite materials - types / repairs / techniques / processes</td>
</tr>
<tr>
<td>AMA038</td>
<td>Recall control cables - install / inspect / repair / service</td>
</tr>
<tr>
<td>AMA039</td>
<td>Recall DC electric motors - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA040</td>
<td>Recall dope and fabric - materials / techniques / hazards</td>
</tr>
<tr>
<td>AMA041</td>
<td>Recall electrical system - components / operating principles / characteristics / symbols</td>
</tr>
<tr>
<td>AMA042</td>
<td>Recall electrical system - install / inspect / repair / service</td>
</tr>
<tr>
<td>AMA043</td>
<td>Recall electronic test equipment</td>
</tr>
<tr>
<td>AMA044</td>
<td>Recall Emergency Locator Transmitter (ELT) - operation / battery / testing</td>
</tr>
<tr>
<td>AMA045</td>
<td>Recall fiberglass - install / troubleshoot / service / repair</td>
</tr>
<tr>
<td>AMA046</td>
<td>Recall fire detection system - types / components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA047</td>
<td>Recall fire detection systems - install / inspect / repair / service</td>
</tr>
<tr>
<td>AMA048</td>
<td>Recall fire extinguishing systems - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA050</td>
<td>Recall flight characteristics - longitudinal stability / instability</td>
</tr>
<tr>
<td>AMA051</td>
<td>Recall fluid lines - material / coding</td>
</tr>
<tr>
<td>AMA052</td>
<td>Recall fuel - types / characteristics / contamination / fueling / defueling / dumping</td>
</tr>
<tr>
<td>AMA053</td>
<td>Recall fuel / oil - anti-icing / deicing</td>
</tr>
<tr>
<td>AMA054</td>
<td>Recall fuel system - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA055</td>
<td>Recall fuel system - install / troubleshoot / service / repair</td>
</tr>
<tr>
<td>AMA056</td>
<td>Recall fuel system - types</td>
</tr>
<tr>
<td>AMA057</td>
<td>Recall fuel/air mixture - idle rich mixture - RPM rise</td>
</tr>
<tr>
<td>AMA058</td>
<td>Recall fundamental material properties</td>
</tr>
<tr>
<td>AMA059</td>
<td>Recall fuselage stations</td>
</tr>
<tr>
<td>AMA060</td>
<td>Recall helicopter control system</td>
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<tr>
<td>AMA061</td>
<td>Recall helicopter control system - collective</td>
</tr>
<tr>
<td>AMA062</td>
<td>Recall helicopter drive system - free wheeling unit</td>
</tr>
<tr>
<td>AMA063</td>
<td>Recall hydraulic systems - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA064</td>
<td>Recall hydraulic systems - fluids</td>
</tr>
<tr>
<td>AMA065</td>
<td>Recall hydraulic systems - install / inspect / repair / service</td>
</tr>
<tr>
<td>AMA066</td>
<td>Recall instrument panel installation - shock mounts</td>
</tr>
<tr>
<td>AMA067</td>
<td>Recall instruments - manifold pressure indicating system</td>
</tr>
<tr>
<td>AMA068</td>
<td>Recall landing gear system - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA069</td>
<td>Recall landing gear system - install / inspect / repair / service</td>
</tr>
<tr>
<td>AMA070</td>
<td>Recall maintenance publications - service / parts / repair</td>
</tr>
<tr>
<td>AMA071</td>
<td>Recall navigation / communication systems - types / operational characteristics</td>
</tr>
<tr>
<td>AMA072</td>
<td>Recall oxygen system - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA073</td>
<td>Recall oxygen system - install / inspect / repair / service / precautions</td>
</tr>
<tr>
<td>AMA074</td>
<td>Recall oxygen system - quality / types / contamination / cylinders / pressure</td>
</tr>
<tr>
<td>AMA075</td>
<td>Recall physics - work forces</td>
</tr>
<tr>
<td>AMA076</td>
<td>Recall pitot-static system - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA077</td>
<td>Recall pitot-static system - install / inspect / repair / service</td>
</tr>
<tr>
<td>AMA078</td>
<td>Recall plastic fundamentals - installation / cleaning / repair / characteristics</td>
</tr>
<tr>
<td>AMA079</td>
<td>Recall pneumatic system - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA080</td>
<td>Recall pressurization system - components / operating principles / characteristics</td>
</tr>
<tr>
<td>AMA081</td>
<td>Recall primary flight controls - inspect / adjust / repair</td>
</tr>
<tr>
<td>AMA082</td>
<td>Recall primary flight controls - types / purpose / functionality</td>
</tr>
</tbody>
</table>
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 - license requirements / frequencies
AMA088  Recall regulations - airworthiness requirements / responsibilities
AMA089  Recall regulations - maintenance reports / records / entries
AMA090  Recall regulations - privileges / limitations of maintenance certificates / licenses
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 Exams

Effective August 1, 2023, 14 CFR Part §65 will require the Mechanic Airman Certification Standards (ACS) to be used as the standard for testing mechanic applicants, and as feedback on the Airman Knowledge Test Report for questions missed. AMP Learning Statement Codes are valid for Airman Knowledge Tests administered prior to August 1, 2023.

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 / licenses
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