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, remote 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. 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) Airman Testing website at http://www.faa.gov/training_testing/testing/.
Learning Statement Codes and Learning Statements for Pilot, Remote 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
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 $V_{NE}$ / $V_{NO}$
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
PLT044 Interpret ATC communications / instructions / terminology
PLT045 Interpret Descent Performance Chart
PLT046 Interpret drag ratio from charts
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PLT313 Recall loading – limitations / terminology
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PLT315 Recall Machmeter - principles / functions
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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
Learning Statement Codes and Learning Statements for Pilot, Remote Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator Exams

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
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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
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PLT355  Recall radio - HSI
PLT356  Recall radio - ILS / compass locator
PLT357  Recall radio - ILS
PLT358  Recall radio - LOC / ILS
PLT359  Deleted
PLT360  Deleted
PLT361  Deleted
PLT362  Deleted
PLT363  Recall radio - VOR / VOT
PLT364  Recall radio system - license 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
Learning Statement Codes and Learning Statements for Pilot, Remote Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator Exams

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, other, special use / TFRS
PLT377 Recall regulations - airworthiness certificates / requirements / responsibilities
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 licenses 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
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
PLT462  Recall regulations - use of microphone / megaphone / interphone / public address system
PLT463  Recall regulations alcohol or drugs
Learning Statement Codes and Learning Statements for Pilot, Remote Pilot, Instructor, Flight Engineer, Dispatcher, and Navigator Exams

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
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.
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<th>Description</th>
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<tr>
<td>PLT507</td>
<td>Recall VOR - indications / VOR / VOT / CDI</td>
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<tr>
<td>PLT508</td>
<td>Recall VOR/altimeter/transponder checks - identification / tuning / identifying / logging</td>
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<tr>
<td>PLT509</td>
<td>Recall wake turbulence - characteristics / avoidance techniques</td>
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<tr>
<td>PLT510</td>
<td>Recall weather - causes / formation</td>
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<tr>
<td>PLT511</td>
<td>Recall weather associated with frontal activity / air masses</td>
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<tr>
<td>PLT512</td>
<td>Recall weather conditions - temperature / moisture / dewpoint</td>
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<tr>
<td>PLT513</td>
<td>Recall weather information - FAA Avcams</td>
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<td>PLT514</td>
<td>Recall weather reporting systems - briefings / forecasts / reports / AWOS / ASOS</td>
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<td>PLT515</td>
<td>Recall weather services - TIBS / TPC / WFO / HIWAS</td>
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<tr>
<td>PLT516</td>
<td>Recall winds - types / characteristics</td>
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<tr>
<td>PLT517</td>
<td>Recall winds associated with high / low-pressure systems</td>
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<tr>
<td>PLT518</td>
<td>Recall windshear - characteristics / hazards / power management</td>
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<tr>
<td>PLT519</td>
<td>Recall wing spoilers - purpose / operation</td>
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<tr>
<td>PLT520</td>
<td>Calculate density altitude</td>
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<tr>
<td>PLT521</td>
<td>Recall helicopter takeoff / landing – slope operations</td>
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<tr>
<td>PLT522</td>
<td>Recall helicopter – Pinnacle / Ridgeline operations</td>
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<tr>
<td>PLT523</td>
<td>Recall vortex generators – purpose / effects / aerodynamics</td>
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<tr>
<td>PLT524</td>
<td>Interpret / Program information on an avionics display</td>
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<td>PLT525</td>
<td>Interpret table – oxygen / fuel / oil / accumulator / fire extinguisher</td>
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<td>PLT526</td>
<td>Recall near midair collision report</td>
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<tr>
<td>PLT527</td>
<td>Recall BASIC VFR – weather minimums</td>
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<td>PLT528</td>
<td>Recall regulations – small UAS operations / weight limitations</td>
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<td>PLT529</td>
<td>Recall physiological factors – prescription and over-the-counter drugs</td>
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<tr>
<td>PLT530</td>
<td>Recall regulations – small UAS aircraft registration / display of registration</td>
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<tr>
<td>PLT531</td>
<td>Recall regulations – operation of multiple small UAs</td>
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<tr>
<td>PLT532</td>
<td>Recall operating limitations – small UAS aircraft visibility / distance from clouds</td>
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<tr>
<td>PLT533</td>
<td>Recall regulations – small UAS operation over humans</td>
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<tr>
<td>PLT534</td>
<td>Recall regulations – small UAS operational control / condition for safe operation / VLOS</td>
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<tr>
<td>PLT535</td>
<td>Recall regulations – hazardous operations</td>
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<tr>
<td>PLT536</td>
<td>Recall physiological factors – dehydration / heat stroke</td>
</tr>
</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
<table>
<thead>
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<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>AMG001</td>
<td>Ability to draw / sketch repairs / alterations</td>
</tr>
<tr>
<td>AMG002</td>
<td>Calculate center of gravity</td>
</tr>
<tr>
<td>AMG003</td>
<td>Calculate weight and balance</td>
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<tr>
<td>AMG004</td>
<td>Determine correct data</td>
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<tr>
<td>AMG005</td>
<td>Determine regulatory requirement.</td>
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<tr>
<td>AMG006</td>
<td>Interpret drag ratio from charts</td>
</tr>
<tr>
<td>AMG007</td>
<td>Recall aerodynamic fundamentals</td>
</tr>
<tr>
<td>AMG008</td>
<td>Recall air density</td>
</tr>
<tr>
<td>AMG009</td>
<td>Recall aircraft cleaning - materials / techniques</td>
</tr>
<tr>
<td>AMG010</td>
<td>Recall aircraft component markings</td>
</tr>
<tr>
<td>AMG011</td>
<td>Recall aircraft control cables - install / inspect / repair / service</td>
</tr>
<tr>
<td>AMG012</td>
<td>Recall aircraft corrosion - principles / control / prevention</td>
</tr>
<tr>
<td>AMG013</td>
<td>Recall aircraft drawings - detail / assembly</td>
</tr>
<tr>
<td>AMG014</td>
<td>Recall aircraft drawings / blueprints - lines / symbols / sketching</td>
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<tr>
<td>AMG015</td>
<td>Recall aircraft electrical system - install / inspect / repair / service</td>
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<tr>
<td>AMG016</td>
<td>Recall aircraft engines - performance charts</td>
</tr>
<tr>
<td>AMG017</td>
<td>Recall aircraft hardware - bolts / nuts / fasteners / fittings / valves</td>
</tr>
<tr>
<td>AMG018</td>
<td>Recall aircraft instruments - tachometer indications / dual tachometers</td>
</tr>
<tr>
<td>AMG019</td>
<td>Recall aircraft metals - inspect / test / repair / identify / heat treat</td>
</tr>
<tr>
<td>AMG020</td>
<td>Recall aircraft metals - types / tools / fasteners</td>
</tr>
<tr>
<td>AMG021</td>
<td>Recall aircraft publications - aircraft listings</td>
</tr>
<tr>
<td>AMG022</td>
<td>Recall aircraft records - required / destroyed</td>
</tr>
<tr>
<td>AMG023</td>
<td>Recall aircraft repair - major</td>
</tr>
<tr>
<td>AMG024</td>
<td>Recall airframe - inspections</td>
</tr>
<tr>
<td>AMG025</td>
<td>Recall airworthiness certificates - validity / requirements</td>
</tr>
<tr>
<td>AMG026</td>
<td>Recall ATA codes</td>
</tr>
<tr>
<td>AMG027</td>
<td>Recall basic physics - matter / energy / gas</td>
</tr>
<tr>
<td>AMG028</td>
<td>Recall data - approved</td>
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<tr>
<td>AMG029</td>
<td>Recall dissymmetry</td>
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<tr>
<td>AMG030</td>
<td>Recall effects of frost / snow on airfoils</td>
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<tr>
<td>AMG031</td>
<td>Recall electrical system - components / operating principles / characteristics / symbols</td>
</tr>
<tr>
<td>AMG032</td>
<td>Recall environmental factors affecting maintenance performance</td>
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<tr>
<td>AMG033</td>
<td>Recall external loading</td>
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<tr>
<td>AMG034</td>
<td>Recall flight characteristics - autorotation / compressibility</td>
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<tr>
<td>AMG035</td>
<td>Recall flight operations - air taxi</td>
</tr>
<tr>
<td>AMG036</td>
<td>Recall fluid lines - install / inspect / repair / service</td>
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<tr>
<td>AMG037</td>
<td>Recall fluid lines - material / coding</td>
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<tr>
<td>AMG038</td>
<td>Recall forces acting on aircraft - angle of incidence</td>
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<tr>
<td>AMG039</td>
<td>Recall forces acting on aircraft - yaw / adverse yaw</td>
</tr>
<tr>
<td>AMG040</td>
<td>Recall fuel - types / characteristics / contamination / fueling / defueling / dumping</td>
</tr>
<tr>
<td>AMG041</td>
<td>Recall fundamental inspection principles - airframe / engine</td>
</tr>
<tr>
<td>AMG042</td>
<td>Recall fundamental material properties</td>
</tr>
<tr>
<td>AMG043</td>
<td>Recall generator system - components / operating principles / characteristics</td>
</tr>
</tbody>
</table>
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 licenses 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 / licenses
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
Learning Statement Codes and Learning Statements for Aviation Mechanic – General Exams

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
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 repellant
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
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<td>AMA044</td>
<td>Recall Emergency Locator Transmitter (ELT) - operation / battery / testing</td>
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<td>AMA045</td>
<td>Recall fiberglass - install / troubleshoot / service / repair</td>
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<tr>
<td>AMA046</td>
<td>Recall fire detection system - types / components / operating principles / characteristics</td>
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<tr>
<td>AMA047</td>
<td>Recall fire detection systems - install / inspect / repair / service</td>
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<tr>
<td>AMA048</td>
<td>Recall fire extinguishing systems - components / operating principles / characteristics</td>
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<td>AMA050</td>
<td>Recall flight characteristics - longitudinal stability / instability</td>
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<td>AMA051</td>
<td>Recall fluid lines - material / coding</td>
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<td>AMA052</td>
<td>Recall fuel - types / characteristics / contamination / fueling / defueling / dumping</td>
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<td>AMA053</td>
<td>Recall fuel / oil - anti-icing / deicing</td>
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<td>AMA054</td>
<td>Recall fuel system - components / operating principles / characteristics</td>
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<td>AMA055</td>
<td>Recall fuel system - install / troubleshoot / service / repair</td>
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<td>AMA056</td>
<td>Recall fuel system - types</td>
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<td>AMA057</td>
<td>Recall fuel/air mixture - idle rich mixture - RPM rise</td>
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<td>AMA058</td>
<td>Recall fundamental material properties</td>
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<td>Recall fuselage stations</td>
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<td>Recall helicopter control system</td>
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<td>AMA061</td>
<td>Recall helicopter control system - collective</td>
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<td>AMA062</td>
<td>Recall helicopter drive system - free wheeling unit</td>
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<td>AMA063</td>
<td>Recall hydraulic systems - components / operating principles / characteristics</td>
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<td>AMA064</td>
<td>Recall hydraulic systems - fluids</td>
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<td>AMA065</td>
<td>Recall hydraulic systems - install / inspect / repair / service</td>
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<td>AMA066</td>
<td>Recall instrument panel installation - shock mounts</td>
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<td>AMA067</td>
<td>Recall instruments - manifold pressure indicating system</td>
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<tr>
<td>AMA068</td>
<td>Recall landing gear system - components / operating principles / characteristics</td>
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<tr>
<td>AMA069</td>
<td>Recall landing gear system - install / inspect / repair / service</td>
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<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>
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<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>
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<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>
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<tr>
<td>AMA077</td>
<td>Recall pitot-static system - install / inspect / repair / service</td>
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<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>
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<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>
<tr>
<td>AMA083</td>
<td>Recall radar altimeter - indications</td>
</tr>
<tr>
<td>AMA084</td>
<td>Recall radar altimeter - signals</td>
</tr>
<tr>
<td>AMA085</td>
<td>Recall radio system - components / operating principles / characteristics</td>
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</table>
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

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