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Decision Director CASAS

Subject: Learning Statements and Codes for Airman Knowledge Testing

Purpose: This advisory pamphlet contains the listing of learning statement codes and their corresponding learning statements for airman knowledge testing.

General: Each airman knowledge test question has a learning statement code, which is linked to a specific knowledge area on the airman knowledge test. Each learning statement code will have a corresponding learning statement, which represents an indication of the depth and scope of knowledge required by the question.

The expression “learning statements” as used in airman testing, refers to measurable statements of the skills and/or 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: *“On the successful completion of training the student should be able to....”*

In general, the learning statements are worded in such a way that 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 licence takes the applicable airman knowledge test required for that licence, the applicant will receive an Airman Test Report. The airman test report will list the learning statement codes for questions that are answered incorrectly. The student should match the code with the learning statement contained in this Advisory Pamphlet to review their areas of deficiency. A listing of reference material for knowledge training testing is contained in the applicable CASAS Knowledge

Test Guide. An applicant's instructor is required to provide instruction on each of the areas of deficiency listed on the Airman Test Report and to complete an endorsement of this instruction. The Airman Test Report must be presented to the inspector or examiner conducting the skill test. During the oral portion of the skill test, the inspector or 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 Civil Aviation Safety Authority Suriname (CASAS) Website at: www.casas.sr.

/s/ January 5th, 2011

V. L. Hanenberg
Director CASAS

**LEARNING STATEMENT CODES and LEARNING STATEMENTS
for KNOWLEDGE TESTING**

- INT001 Calculate a course intercept
- INT002 Calculate aircraft performance - airspeed
- INT003 Calculate aircraft performance - center of gravity
- INT004 Calculate aircraft performance - climb / descent
- INT005 Calculate aircraft performance - density altitude
- INT006 Calculate aircraft performance - glide
- INT007 Calculate aircraft performance - IAS / EPR
- INT008 Calculate aircraft performance - landing
- INT009 Calculate aircraft performance - measured gas temperature (MGT)
- INT010 Calculate aircraft performance - STAB TRIM
- INT011 Calculate aircraft performance - takeoff
- INT012 Calculate aircraft performance - time/speed/distance/course/fuel/wind
- INT013 Calculate crosswind / headwind components
- INT014 Calculate distance / bearing from/to a station
- INT015 Calculate flight performance / planning - range
- INT016 Calculate fuel dump - time / weight / volume
- INT017 Calculate L/D ratio
- INT018 Calculate load factor / stall speed / velocity / angle of attack
- INT019 Calculate mass and balance
- INT020 Calculate pressure altitude
- INT021 Calculate turbulent air penetration
- INT022 Define Aeronautical Decision Making (ADM)
- INT023 Define altitude - absolute / true / indicated / density / pressure
- INT024 Define atmospheric adiabatic process
- INT025 Define Bernoulli's principle
- INT026 Define ceiling
- INT027 Define coning
- INT028 Define crewmember
- INT029 Define critical phase of flight
- INT030 Define false lift
- INT031 Define hazards involved in simulating system failures
- INT032 Define isobars / associated winds
- INT033 Define MACH speed regimes
- INT034 Define MEA / MOCA / MRA
- INT035 Define stopway / clearway
- INT036 Define Vne / Vno
- INT037 Interpret a MACH meter reading
- INT038 Interpret a radar weather report
- INT039 Interpret aircraft Power Schedule Chart
- INT040 Interpret airport landing indicator
- INT041 Interpret airspace classes - charts / diagrams
- INT042 Interpret altimeter - readings / settings
- INT043 Interpret Analysis Heights / Isotachs Chart

LEARNING STATEMENT CODES and LEARNING STATEMENTS for KNOWLEDGE TESTING

INT044	Interpret Analysis Heights / Temperature Chart
INT045	Interpret ATC communications / instructions / terminology
INT046	Interpret Descent Performance Chart
INT047	Interpret drag ratio from charts
INT048	Interpret Hovering Ceiling chart
INT049	Interpret ILS - charts / RMI / CDI / indications
INT050	Interpret information on a Brake Energy Limit chart
INT051	Interpret information on a Convective Outlook
INT052	Interpret information on a Departure Procedure Chart
INT053	Interpret information on a Flight Plan
INT054	Interpret information on a Glider Performance Graph
INT055	Interpret information on a High Altitude Chart
INT056	Interpret information on a Horizontal Situation Indicator (HSI)
INT057	Interpret information on a Hot Air Balloon Performance Graph
INT058	Interpret information on a Low Altitude Chart
INT059	Interpret information on a METAR / SPECI report
INT060	Interpret information on a Performance Curve Chart
INT061	Interpret information on a PIREP
INT062	Interpret information on a Pseudo-Adiabatic Chart
INT063	Interpret information on a Radar Summary Chart
INT064	Interpret information on a Sectional Chart
INT065	Interpret information on a Service Ceiling Engine Inoperative Chart
INT066	Interpret information on a Severe Weather Outlook chart
INT067	Interpret information on a SIGMET
INT068	Interpret information on a Significant Weather Prognostic chart
INT069	Interpret information on a Slush/Standing Water Takeoff chart
INT070	Interpret information on a Surface Analysis Chart
INT071	Interpret information on a Terminal Aerodrome Forecast (TAF)
INT072	Interpret information on a Velocity/Load Factor Chart
INT073	Interpret information on a Weather Depiction Chart
INT074	Interpret information on a Winds and Temperatures Aloft Forecast (FD)
INT075	Interpret information on an Airport Diagram
INT076	Interpret information on an Airport Facility Directory (AFD)
INT077	Interpret information on an airways chart
INT078	Interpret information on an Arrival Chart
INT079	Interpret information on an Aviation Area Forecast (FA)
INT080	Interpret information on an IFR Alternate Airport Minimums Chart
INT081	Interpret information on an Instrument Approach Procedures (IAP)
INT082	Interpret information on an Observed Winds Aloft chart
INT083	Interpret information on Takeoff Obstacle / Field / Climb Limit Charts
INT084	Interpret mass and balance - diagram
INT085	Interpret readings on a Turn and Slip indicator
INT086	Interpret readings on an Aircraft Course and DME Indicator

**LEARNING STATEMENT CODES and LEARNING STATEMENTS
for KNOWLEDGE TESTING**

- INT087 Interpret speed indicator readings
- INT088 Interpret Takeoff Speeds chart
- INT089 Interpret VOR - charts / indications / CDI / ADF / NAV
- INT090 Interpret VOR / ADF / NDB / CDI / RMI - illustrations / indications / procedures
- INT091 Recall administration of medical oxygen
- INT092 Recall aerodrome operations - LAHSO
- INT093 Recall aerodrome operations - markings / signs / lighting
- INT094 Recall aerodrome operations - noise avoidance routes
- INT095 Recall aerodrome operations - runway conditions
- INT096 Recall aerodrome operations - traffic pattern procedures
- INT097 Recall aerodrome operations - visual glideslope indicators
- INT098 Recall aerodrome operations lighting - MALS / ALSF / RCLS / TDZL
- INT099 Recall aerodrome taxi operations - procedures
- INT100 Recall aerodrome traffic patterns - entry procedures
- INT101 Recall aerodynamics - longitudinal axis / lateral axis
- INT102 Recall aeromedical factors - effects of altitude
- INT103 Recall aeromedical factors - effects of carbon monoxide poisoning
- INT104 Recall aeromedical factors - fitness for flight
- INT105 Recall aeromedical factors - scanning procedures
- INT106 Recall aeronautical charts - IFR En Route Low Altitude
- INT107 Recall aeronautical charts - pilotage
- INT108 Recall aeronautical charts - terminal procedures
- INT109 Recall Aeronautical Decision Making (ADM) - hazardous attitudes
- INT110 Recall Aeronautical Decision Making (ADM) - human factors
- INT111 Recall airborne radar - use / limitations
- INT112 Recall aircraft alternator / generator system
- INT113 Recall aircraft anti-icing / deicing - methods / fluids
- INT114 Recall aircraft batteries - capacity / charging / types / storage / rating / precautions
- INT115 Recall aircraft brake system
- INT116 Recall aircraft communication system
- INT117 Recall aircraft components material - flame resistant
- INT118 Recall aircraft controls - proper use / techniques
- INT119 Recall aircraft design - categories / limitation factors
- INT120 Recall aircraft engine - detonation cause / characteristics
- INT121 Recall aircraft engines - indicating system
- INT122 Recall aircraft fire detection system
- INT123 Recall aircraft general knowledge / publications / AIM / navigational aids
- INT124 Recall aircraft heated windshields
- INT125 Recall aircraft instruments - gyroscopic
- INT126 Recall aircraft lighting - anti-collision / landing / navigation
- INT127 Recall aircraft lighting - landing / navigation / anti-collision

LEARNING STATEMENT CODES and LEARNING STATEMENTS for KNOWLEDGE TESTING

- INT128 Recall aircraft limitations - turbulent air penetration
- INT129 Recall aircraft loading - computations
- INT130 Recall aircraft performance - airspeed
- INT131 Recall aircraft performance - atmospheric effects
- INT132 Recall aircraft performance - climb / descent
- INT133 Recall aircraft performance - cold weather operations
- INT134 Recall aircraft performance - density altitude
- INT135 Recall aircraft performance - effects of icing
- INT136 Recall aircraft performance - effects of runway slope
- INT137 Recall aircraft performance - fuel
- INT138 Recall aircraft performance - ground effect
- INT139 Recall aircraft performance - instrument markings / airspeed / definitions / indications
- INT140 Recall aircraft performance - normal climb / descent rates
- INT141 Recall aircraft performance - takeoff
- INT142 Recall aircraft pressurization - system / operation
- INT143 Recall aircraft systems - anti-icing / deicing
- INT144 Recall aircraft systems - environmental control
- INT145 Recall aircraft tires - types / characteristics
- INT146 Recall aircraft warning systems - stall / fire / retractable gear / terrain awareness
- INT147 Recall airport operations - runway lighting
- INT148 Recall airship - buoyancy
- INT149 Recall airship - flight characteristics / controllability
- INT150 Recall airship - flight operations
- INT151 Recall airship - maintaining pressure
- INT152 Recall airship - maximum headway / flight at equilibrium
- INT153 Recall airspace classes - limits / requirements / restrictions / airspeeds / equipment
- INT154 Recall airspace requirements - operations
- INT155 Recall airspace requirements - visibility / cloud clearance
- INT156 Recall airspeed - effects during a turn
- INT157 Recall altimeter - effect of temperature changes
- INT158 Recall altimeter - settings / setting procedures
- INT159 Recall altimeters - characteristics / accuracy
- INT160 Recall angle of attack - characteristics / forces / principles
- INT161 Recall antitorque system - components / functions
- INT162 Recall approach - ILS
- INT163 Recall approach / landing / taxiing techniques
- INT164 Recall ATC - reporting
- INT165 Recall ATC system / services
- INT166 Recall atmospheric conditions / measurements / pressure / stability
- INT167 Recall autorotation

LEARNING STATEMENT CODES and LEARNING STATEMENTS for KNOWLEDGE TESTING

- INT168 Recall balance tab - purpose / operation
- INT169 Recall balloon - flight operations
- INT170 Recall balloon - flight operations / gas
- INT171 Recall balloon - ground weigh-off / static equilibrium / load
- INT172 Recall balloon - hot air / lift / false lift / characteristics
- INT173 Recall balloon - hot air / physics
- INT174 Recall balloon - inspecting the fabric
- INT175 Recall balloon flight operations - ascent / descent
- INT176 Recall balloon flight operations - launch / landing
- INT177 Recall basic instrument flying - fundamental skills
- INT178 Recall basic instrument flying - pitch instruments
- INT179 Recall basic instrument flying - turn coordinator / turn and slip indicator
- INT180 Recall cabin atmosphere control
- INT181 Recall carburetor - effects of carburetor heat / heat control
- INT182 Recall carburetor ice - factors affecting / causing
- INT183 Recall carburetors - types / components / operating principles / characteristics
- INT184 Recall clouds - types / formation / resulting weather
- INT185 Recall cockpit voice recorder (CVR) - operating principles / characteristics / testing
- INT186 Recall collision avoidance - scanning techniques
- INT187 Recall collision avoidance - TCAS
- INT188 Recall communications - ATIS broadcasts
- INT189 Recall Coriolis effect
- INT190 Recall course / heading - effects of wind
- INT191 Recall cross country - flight diversion
- INT192 Recall cyclic control pressure - characteristics
- INT193 Recall dead reckoning - calculations / charts
- INT194 Recall departure procedures - ODP / SID
- INT195 Recall DME - characteristics / accuracy / indications / Arc
- INT196 Recall earth's atmosphere - layers / characteristics / solar energy
- INT197 Recall effective communication - basic elements
- INT198 Recall effects of alcohol on the body
- INT199 Recall effects of temperature - density altitude / icing
- INT200 Recall electrical system - components / operating principles / characteristics
- INT201 Recall electronic flight instrument system (EFIS)
- INT202 Recall emergency conditions / procedures
- INT203 Recall engine operations - thrust / thrust reverser
- INT204 Recall engine pressure ratio - EPR
- INT205 Recall engine shutdown - normal / abnormal / emergency / precautions
- INT206 Recall evaluation testing characteristics

LEARNING STATEMENT CODES and LEARNING STATEMENTS for KNOWLEDGE TESTING

- INT207 Recall fire extinguishing systems - components / operating principles / characteristics
- INT208 Recall flight characteristics - longitudinal stability / instability
- INT209 Recall flight characteristics - structural / wing design
- INT210 Recall flight instruments - magnetic compass
- INT211 Recall flight instruments - total energy compensators
- INT212 Recall flight maneuvers - quick stop
- INT213 Recall flight operations - common student errors
- INT214 Recall flight operations - maneuvers
- INT215 Recall flight operations - night and high altitude operations
- INT216 Recall flight operations - takeoff / landing maneuvers
- INT217 Recall flight operations - takeoff procedures
- INT218 Recall flight operations multiengine - engine inoperative procedures
- INT219 Recall flight plan - IFR
- INT220 Recall flight plan - requirements
- INT221 Recall fog - types / formation / resulting weather
- INT222 Recall FOI techniques - integrated flight instruction
- INT223 Recall FOI techniques - lesson plans
- INT224 Recall FOI techniques - professionalism
- INT225 Recall FOI techniques - responsibilities
- INT226 Recall FOI techniques / human behavior - anxiety / fear / stress
- INT227 Recall FOI techniques / human behavior - dangerous tendencies
- INT228 Recall FOI techniques / human behavior - defense mechanisms
- INT229 Recall forces acting on aircraft – 3-axis intersect
- INT230 Recall forces acting on aircraft - aerodynamics
- INT231 Recall forces acting on aircraft - airfoil / center of pressure / mean camber line
- INT232 Recall forces acting on aircraft - airspeed / air density / lift / drag
- INT233 Recall forces acting on aircraft - aspect ratio
- INT234 Recall forces acting on aircraft - CG / flight characteristics
- INT235 Recall forces acting on aircraft - drag / gravity / thrust / lift
- INT236 Recall forces acting on aircraft - lift / drag / thrust / weight / stall / limitations
- INT237 Recall forces acting on aircraft - propeller / torque
- INT238 Recall forces acting on aircraft - stability / controllability
- INT239 Recall forces acting on aircraft - stalls / spins
- INT240 Recall forces acting on aircraft - steady state climb / flight
- INT241 Recall forces acting on aircraft - turns
- INT242 Recall fuel - air mixture
- INT243 Recall fuel - types / characteristics / contamination / fueling / defueling / precautions
- INT244 Recall fuel characteristics / contaminants / additives / leaks
- INT245 Recall fuel dump system - components / methods

**LEARNING STATEMENT CODES and LEARNING STATEMENTS
for KNOWLEDGE TESTING**

- INT246 Recall fuel system - components / operating principles / characteristics
- INT247 Recall fuel tank - components / operating principles / characteristics
- INT248 Recall fueling procedures - safety / grounding / calculating volume
- INT249 Recall glider performance - effect of loading
- INT250 Recall glider performance - speed / distance / ballast / lift / drag
- INT251 Recall ground reference maneuvers - ground track diagram
- INT252 Recall ground resonance - conditions to occur
- INT253 Recall hail - characteristics / hazards
- INT254 Recall hazardous material - reports / transportation procedures / labeling
- INT255 Recall hazardous weather - fog / icing / turbulence
- INT256 Recall helicopter approach - settling with power
- INT257 Recall helicopter takeoff / landing - ground resonance action required
- INT258 Recall high lift devices - characteristics / functions
- INT259 Recall hot air balloon - weigh-off procedure
- INT260 Recall hovering - aircraft performance / tendencies
- INT261 Recall human behavior - defense mechanism
- INT262 Recall human behavior - social / self fulfillment / physical
- INT263 Recall human factors (ADM) - judgment
- INT264 Recall human factors - stress management
- INT265 Recall hurricane warning / watch
- INT266 Recall hydraulic systems - components / operating principles / characteristics
- INT267 Recall icing - formation / characteristics
- INT268 Recall ILS - indications / HSI
- INT269 Recall ILS - indications / OBS / CDI
- INT270 Recall ILS - marker beacon / indicator lights / codes
- INT271 Recall indicating systems - airspeed / angle of attack / attitude / heading / manifold pressure / synchro / EGT
- INT272 Recall Inertial Navigation System principles
- INT273 Recall inflight illusions - causes / sources
- INT274 Recall information in an Airport Facility Directory
- INT275 Recall information in the certificate holder`s manual
- INT276 Recall information on a Constant-Pressure Analysis Chart
- INT277 Recall information on a Forecast Winds and Temperatures Aloft (FD)
- INT278 Recall information on a Height Velocity Diagram
- INT279 Recall information on a Significant Weather Prognostic Chart
- INT280 Recall information on a Surface Analysis Chart
- INT281 Recall information on a Terminal Aerodrome Forecast (TAF)
- INT282 Recall information on a Weather Depiction Chart
- INT283 Recall information on AIRMETS / SIGMETS
- INT284 Recall information on an Aviation Area Forecast (FA)
- INT285 Recall information on an Instrument Approach Procedures (IAP)

**LEARNING STATEMENT CODES and LEARNING STATEMENTS
for KNOWLEDGE TESTING**

- INT286 Recall information on an Instrument Approach Procedures Chart
- INT287 Recall information on an Instrument Departure Procedure Chart
- INT288 Recall information on Inflight Aviation Weather Advisories
- INT289 Recall instructor techniques - obstacles / planning / activities / outcome
- INT290 Recall instrument procedures - holding / circling
- INT291 Recall instrument procedures - unusual attitude / unusual attitude recovery
- INT292 Recall instrument procedures - VFR on top
- INT293 Recall instrument/navigation system checks/inspections - limits / tuning / identifying / logging
- INT294 Recall inversion layer - characteristics
- INT295 Recall Jet Stream - types / characteristics
- INT296 Recall L/D ratio
- INT297 Recall launch procedures
- INT298 Recall leading edge devices - types / effect / purpose / operation
- INT299 Recall learning process - levels of learning / transfer of learning / incidental learning
- INT300 Recall learning process - memory / fact / recall
- INT301 Recall learning process - principles of learning elements
- INT302 Recall load factor - angle of bank
- INT303 Recall load factor - characteristics
- INT304 Recall load factor - effect of airspeed
- INT305 Recall load factor - maneuvering / stall speed
- INT306 Recall loading - limitations
- INT307 Recall longitudinal axis - aerodynamics / center of gravity / direction of motion
- INT308 Recall meteorology - severe weather watch (WW)
- INT309 Recall microburst - characteristics / hazards
- INT310 Recall minimum fuel advisory
- INT311 Recall navigation - true north / magnetic north
- INT312 Recall navigation - types of landing systems
- INT313 Recall navigation - VOR / NAV system
- INT314 Recall NOTAMS - classes / information / distribution
- INT315 Recall oil system - types / components / functions
- INT316 Recall operations manual - transportation of prisoner
- INT317 Recall oxygen system - components / operating principles / characteristics
- INT318 Recall oxygen system - install / inspect / repair / service / precautions / leaks
- INT319 Recall performance planning - aircraft loading
- INT320 Recall physiological factors - cabin pressure
- INT321 Recall physiological factors - cause / effects of hypoxia
- INT322 Recall physiological factors - effects of scuba diving / smoking

LEARNING STATEMENT CODES and LEARNING STATEMENTS for KNOWLEDGE TESTING

- INT323 Recall physiological factors - hyperventilation
- INT324 Recall physiological factors - night vision
- INT325 Recall physiological factors - spatial disorientation
- INT326 Recall pilotage - calculations
- INT327 Recall pitch control - collective / cyclic
- INT328 Recall pitot-static system - components / operating principles / characteristics
- INT329 Recall planning instructional activity - blocks of learning
- INT330 Recall pneumatic system operation
- INT331 Recall power settling - characteristics
- INT332 Recall powerplant - controlling engine temperature
- INT333 Recall powerplant - operating principles / operational characteristics / inspecting
- INT334 Recall precipitation - types / characteristics
- INT335 Recall pressure altitude
- INT336 Recall primary flight controls - types / purpose / functionality
- INT337 Recall principles / functions of a Machmeter
- INT338 Recall principles of flight - critical engine
- INT339 Recall principles of flight - turns
- INT340 Recall procedures for confined areas
- INT341 Recall propeller operations - constant / variable speed
- INT342 Recall propeller system - types/ components / operating principles / characteristics
- INT343 Recall Radar Summary Chart
- INT344 Recall radio - GPS / RNAV / RAIM
- INT345 Recall radio - HSI
- INT346 Recall radio - ILS / compass locator
- INT347 Recall radio - ILS / LDA
- INT348 Recall radio - LOC / ILS
- INT349 Recall radio - LORAN
- INT350 Recall radio - Microwave Landing System
- INT351 Recall radio - SDF / ILS
- INT352 Recall radio - VHF / Direction Finding
- INT353 Recall radio - VOR / VOT
- INT354 Recall radio system - licence requirements / frequencies
- INT355 Recall reciprocating engine - components / operating principles / characteristics
- INT356 Recall regulations - accident / incident reporting and preserving wreckage
- INT357 Recall regulations - additional equipment/operating requirements large transport aircraft
- INT358 Recall regulations - admission to flight deck
- INT359 Recall regulations - aerobatic flight requirements

LEARNING STATEMENT CODES and LEARNING STATEMENTS for KNOWLEDGE TESTING

- INT360 Recall regulations - agricultural aircraft operator certificate
- INT361 Recall regulations - Air Traffic Control authorisation / clearances
- INT362 Recall regulations - Air Traffic Control authorization / clearances
- INT363 Recall regulations - aircraft Category / Class
- INT364 Recall regulations - aircraft inspection / records / expiration
- INT365 Recall regulations - aircraft lighting - landing / navigation / anti-collision / emergency
- INT366 Recall regulations - aircraft operating limitations
- INT367 Recall regulations - aircraft owner / operator responsibilities
- INT368 Recall regulations - aircraft return to service
- INT369 Recall regulations - airman / crewmember requirements
- INT370 Recall regulations - airspace special use / TFRS
- INT371 Recall regulations - airworthiness certificates / requirements / responsibilities
- INT372 Recall regulations - Airworthiness Directives
- INT373 Recall regulations - alternate aerodrome requirements
- INT374 Recall regulations - alternate airport weather minimum
- INT375 Recall regulations - altimeter settings
- INT376 Recall regulations - approach minima
- INT377 Recall regulations - basic flight rules
- INT378 Recall regulations - briefing of passengers
- INT379 Recall regulations - cargo in passenger compartment
- INT380 Recall regulations - change of address
- INT381 Recall regulations - cockpit voice recorder
- INT382 Recall regulations - commercial operation requirements / conditions / OpSpecs
- INT383 Recall regulations - communications enroute
- INT384 Recall regulations - communications failure
- INT385 Recall regulations - complex aeroplane endorsement
- INT386 Recall regulations - compliance with local regulations
- INT387 Recall regulations - controlled / restricted airspace requirements
- INT388 Recall regulations - cross country
- INT389 Recall regulations - declaration of an emergency
- INT390 Recall regulations - definitions
- INT391 Recall regulations - departure alternate airport
- INT392 Recall regulations - destination aerodrome visibility
- INT393 Recall regulations - display / inspection of licences and certificates
- INT394 Recall regulations - documents to be carried on aircraft during flight
- INT395 Recall regulations - dropping / spraying / towing restrictions
- INT396 Recall regulations - ELT requirements
- INT397 Recall regulations - emergency deviation from regulations
- INT398 Recall regulations - emergency equipment
- INT399 Recall regulations - equipment / instrument / certificate requirements

LEARNING STATEMENT CODES and LEARNING STATEMENTS for KNOWLEDGE TESTING

- INT400 Recall regulations - equipment failure
- INT401 Recall regulations - experience / training requirements
- INT402 Recall regulations - falsification / reproduction / alteration of applications
- INT403 Recall regulations - flight / duty time
- INT404 Recall regulations - flight engineer qualifications / privileges / responsibilities
- INT405 Recall regulations - flight instructor limitations / qualifications
- INT406 Recall regulations - flight release
- INT407 Recall regulations - fuel requirements
- INT408 Recall regulations - general right-of-way rules
- INT409 Recall regulations - GPWS
- INT410 Recall regulations - helicopter external load
- INT411 Recall regulations - IFR flying
- INT412 Recall regulations - immediate notification
- INT413 Recall regulations - individual flotation devices
- INT414 Recall regulations - instructor demonstrations / authorisations
- INT415 Recall regulations - instructor requirements / responsibilities
- INT416 Recall regulations - instrument approach procedures
- INT417 Recall regulations - instrument flight rules
- INT418 Recall regulations - intermediate aerodrome authorisations
- INT419 Recall regulations - intoxicated person
- INT420 Recall regulations - knowledge and skill test checks
- INT421 Recall regulations - language proficiency
- INT422 Recall regulations - licence renewal
- INT423 Recall regulations - limits on autopilot usage
- INT424 Recall regulations - maintenance reports / records / entries
- INT425 Recall regulations - maintenance requirements
- INT426 Recall regulations - medical certificate requirements / validity
- INT427 Recall regulations - minimum flight / navigation instruments
- INT428 Recall regulations - minimum safe / flight altitude
- INT429 Recall regulations - operating near other aircraft
- INT430 Recall regulations - operational control functions
- INT431 Recall regulations - operational flight plan requirements
- INT432 Recall regulations - operational procedures for a controlled aerodrome
- INT433 Recall regulations - operational procedures for an uncontrolled aerodrome
- INT434 Recall regulations - operations manual
- INT435 Recall regulations - overwater operations
- INT436 Recall regulations - oxygen requirements
- INT437 Recall regulations - persons authorised to perform maintenance
- INT438 Recall regulations - Pilot / Crew duties and responsibilities
- INT439 Recall regulations - pilot briefing
- INT440 Recall regulations - pilot currency requirements

**LEARNING STATEMENT CODES and LEARNING STATEMENTS
for KNOWLEDGE TESTING**

- INT441 Recall regulations - pilot qualifications / privileges / responsibilities
- INT442 Recall regulations - pilot-in-command authority / responsibility
- INT443 Recall regulations - preflight requirements
- INT444 Recall regulations - preventative maintenance
- INT445 Recall regulations - privileges / limitations of medical certificates
- INT446 Recall regulations - privileges / limitations of pilot licences
- INT447 Recall regulations - proficiency check requirements
- INT448 Recall regulations - proximity to persons / property on the surface
- INT449 Recall regulations - qualifications / duty time
- INT450 Recall regulations - ratings issued / experience requirements / limitations
- INT451 Recall regulations - reapplication after revocation / suspension
- INT452 Recall regulations - records retention for domestic / flag air carriers
- INT453 Recall regulations – re-dispatch
- INT454 Recall regulations - replacement of lost certificate
- INT455 Recall regulations - reporting failures / malfunctions
- INT456 Recall regulations - required aircraft / equipment inspections
- INT457 Recall regulations - requirements of a flight plan release
- INT458 Recall regulations - student pilot endorsements / other endorsements
- INT459 Recall regulations - submission / revision of Policy and Procedure Manuals
- INT460 Recall regulations - takeoff procedures / minimums
- INT461 Recall regulations - training programs
- INT462 Recall regulations - use of aircraft lights
- INT463 Recall regulations - use of microphone / megaphone / interphone
- INT464 Recall regulations - use of narcotics / drugs / intoxicating liquor
- INT465 Recall regulations - use of safety belts / harnesses (crew member)
- INT466 Recall regulations - use of seats / safety belts / harnesses (passenger)
- INT467 Recall regulations - V speeds
- INT468 Recall regulations - visual flight rules and limitations
- INT469 Recall regulations - VMC
- INT470 Recall regulations - weather radar
- INT471 Recall rotor system - types / components / operating principles / characteristics
- INT472 Recall rotorcraft transmission - components / operating principles / characteristics
- INT473 Recall rotorcraft vibration - characteristics / sources
- INT474 Recall secondary flight controls - types / purpose / functionality
- INT475 Recall soaring - normal procedures
- INT476 Recall squall lines - formation / characteristics / resulting weather
- INT477 Recall stabilizer - purpose / operation
- INT478 Recall stalls - characteristics / factors / recovery / precautions

**LEARNING STATEMENT CODES and LEARNING STATEMENTS
for KNOWLEDGE TESTING**

- INT479 Recall starter / ignition system - types / components / operating principles / characteristics
- INT480 Recall starter system - starting procedures
- INT481 Recall static/dynamic stability/instability - characteristics
- INT482 Recall student evaluation - learning process
- INT483 Recall student evaluation - written tests / oral quiz / critiques
- INT484 Recall supercharger - characteristics / operation
- INT485 Recall symbols - chart / navigation
- INT486 Recall taxiing / takeoff - techniques / procedures
- INT487 Recall teaching methods - demonstration / performance
- INT488 Recall teaching methods - group / guided discussion / lecture
- INT489 Recall teaching methods - known to unknown
- INT490 Recall teaching methods - motivation / student feelings of insecurity
- INT491 Recall teaching methods - organizing material / course of training
- INT492 Recall temperature - effects on weather formations
- INT493 Recall the dynamics of frost / ice / snow formation on an aircraft
- INT494 Recall thermals - types / characteristics / formation / locating / maneuvering / corrective actions
- INT495 Recall thunderstorms - types / characteristics / formation / hazards
- INT496 Recall transponder - codes / operations / usage
- INT497 Recall turbine engines - components / operational characteristics / associated instruments
- INT498 Recall turboprop engines - components / operational characteristics
- INT499 Recall turbulence - types / characteristics / reporting / corrective actions
- INT500 Recall universal signals - hand / light / visual
- INT501 Recall use of narcotics / drugs / intoxicating liquor
- INT502 Recall use of training aids - types / function / purpose
- INT503 Recall use of training aids - usefulness / simplicity / compatibility
- INT504 Recall V speeds - maneuvering / flap extended / gear extended
- INT505 Recall VOR - indications / VOR / VOT / CDI
- INT506 Recall VOR/altimeter/transponder checks - identification / tuning / identifying / logging
- INT507 Recall wake turbulence - characteristics / avoidance techniques
- INT508 Recall weather - causes / formation
- INT509 Recall weather associated with frontal activity / air masses
- INT510 Recall weather conditions - temperature / moisture / dewpoint
- INT511 Recall weather information - TWEB broadcasts
- INT512 Recall weather reporting systems - briefings / forecasts / reports
- INT513 Recall weather services - EFAS / TIBS / WFO / AFSS / HIWAS
- INT514 Recall winds - types / characteristics
- INT515 Recall winds associated with high / low-pressure systems
- INT516 Recall windshear - characteristics / hazards / power management
- INT517 Recall wing spoilers - purpose / operation

- INT518 Recall airship – ground weigh-off / static / trim condition
- INT519 Recall vortex generators – purpose / effects / aerodynamics
- INT520 Recall helicopter – Pinnacle / Ridgeline operations
- INT521 Recall helicopter takeoff / landing – slope operations
- INT522 Calculate density altitude
- INT523 Interpret information on a Stability Chart
- INT524 Recall forces acting on aircraft - buoyancy / drag / gravity / thrust
- INT525 Calculate aircraft performance – transport category aircraft with one engine inoperative
- INT526 Recall aircraft design - construction / function