Assessment Requirements for AVIY5022 Manage traffic flow

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Modification History

Release 3. This is the third release of this unit of competency in the AVI Aviation Training Package Release 10.

Release 2. ISC upgrade - a statement relevant to Defence Aviation has been added to the Application of the unit.

Release 1. This is the first release of this unit of competency in the AVI Aviation Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- adhering to procedures
- adjusting routing and tracking of aircraft
- advising aircraft of delays
- allocating attention according to demand and task managing:
  - human machine interface (HMI) or equipment use
  - air traffic communications
  - traffic flow
- applying reasoning and decision making to airspace and flight path scenarios
- communicating effectively with others
- conducting holding of aircraft and onwards processing
- formulating and issuing onwards airways clearances, conditional clearances and clearance limits
- identifying and applying precautions and required action to minimise, control or eliminate identified hazards
- implementing contingency plans
- managing traffic flow safely:
  - by day and night
  - in variable weather conditions
- prioritising tasks and managing workload
- projecting and planning airspace, traffic and flight path scenarios.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- aerodrome runway combinations and traffic requirements
- air traffic clearances to hold, delay, limit and continue flight
- air traffic control (ATC) principles
- aircraft performance characteristics
- airspace geography and topography
- airspace, route structures and procedures used to assist strategic air traffic flow management
- area of radar coverage
- classification and special use airspace
- conditional air traffic clearance
- contingency plans, including for reduced facilities and degraded systems
- interpretation of airspace charts and instrument flight procedures, including holding patterns
- interpretation of meteorological data
- non-published aircraft holding techniques
- relevant sections of regulatory and operational documentation
- reporting procedures
- role of air traffic flow management (ATFM)
- roles and responsibilities for managing air traffic flow
- safety hazards, risks and related risk control procedures and precautions
- systems and tools used for ATFM
- traffic management techniques.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, equipment, and personal protective equipment (PPE) currently used in industry
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- acceptable means of simulation assessment.

Links

Companion Volume Implementation Guides are found in VETNet' -
https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816