



Australian Government

Assessment Requirements for AVIY5050 Provide aerodrome control services

Release: 3

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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 route and track of aircraft
- allocating attention according to priorities
- applying precautions and required action to minimise, control or eliminate identified hazards
- applying reasoning and decision making to airspace and flight path scenarios
- communicating effectively with others
- completing relevant documentation
- conducting general and sector meteorological observation
- coordinating air traffic services effectively
- determining runway mode
- executing control actions
- facilitating unusual flight operations
- formulating airways clearance and control instructions
- implementing contingency plans
- maintaining a strategic traffic management plan
- maintaining surveillance of aerodrome traffic zone and aerodrome
- managing aerodrome traffic zone operating equipment in accordance with standard operating procedures (SOPs)
- managing operations on taxiways
- perceiving and comprehending incoming information
- processing military aircraft
- projecting and developing future airspace and flight path scenarios
- recording and annotating flight information and messages
- reporting and rectifying identified conflicts promptly
- reporting and rectifying identified problems promptly

- responding to stressful situations with a considered and measured approach
- separating aircraft using aerodrome control techniques and standards
- working collaboratively with others
- working systematically with attention to detail.

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 and runway markings
- aerodrome control separation standards and techniques
- aerodrome lighting
- air navigation systems and visual aids
- air traffic priorities
- air traffic services
- airborne collision and avoidance systems
- aircraft type, associated wake turbulence and performance categories
- airspace service priorities and the safety imperative
- characteristics of aerodrome traffic zone patterns and traffic flows, including critical positions
- charts and operational documentation
- communications phraseologies and procedures
- compromised separation and non-compliant use of aerodromes and airspaces
- conditional air traffic clearance
- coordination requirements
- division of responsibilities for air traffic services
- formation flight configurations, separation, procedures and practices
- handover/takeover procedures and practices
- human machine interface (HMI) states and associated interactions
- meteorological documentation, terms and definitions
- military flight operations
- national airspace system and standard route structure
- navigation principles and terminology
- organisational and licensing administration
- physical characteristics of aerodrome and runways
- principles and procedures of altimetry
- principles of threat and error management
- principles of flight
- procedures for recording operational information
- provision of air traffic services and air traffic flow management (ATFM) during system degradation, including facility failures and restoration of system components
- relevant sections of regulatory and operational documentation

- route, track, heading and aircraft performance characteristics
- rules of the air governing visual and instrument flight
- runway visibility measurement
- safety occurrence reporting
- terrain and prominent landmarks affecting flight operations within aerodrome traffic zone
- terrain protection
- transfer of control points
- transition from instrument flight to visual flight conditions
- weather phenomena affecting flight operations.

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>