



Australian Government

**Assessment Requirements for AVIW5013
Operate air traffic control equipment and
workstations**

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:

- allocating attention according to priorities
- applying reasoning and decision making when using air traffic control (ATC) equipment and facilities
- assessing and manipulating message queues
- communicating effectively with others
- completing relevant documentation for using ATC equipment and workstations
- configuring ancillary equipment
- configuring operational equipment
- formatting, sending and receiving messages
- identifying and applying precautions and required actions to minimise, control or eliminate identified hazards
- implementing contingency plans
- interpreting and responding to displayed flight information
- monitoring equipment serviceability
- operating the following ATC equipment:
 - air traffic communications
 - air traffic surveillance
 - ancillary equipment
 - air traffic workstations
- perceiving and comprehending incoming information
- recognising and reporting identified problems in a timely manner
- using conflict recognition tools
- working systematically with required 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:

- aeronautical databases
- air situation display
- ATC equipment and workstations
- alerts, alarms and warning messages
- allocation of secondary surveillance radar (SSR) codes
- ancillary equipment functions, configurations, data sources and limitations
- communications equipment functions, configurations, data sources and limitations
- communications range and footprints through, and adjacent to, the area of jurisdiction and adjoining frequencies
- configuration, uses and limitations of flight progress strips (FPSs) and flight data records (FDRs)
- degraded modes
- graphic aids
- information recorded using prescribed format
- mandated memory prompts
- maps and charts
- procedures and protocols for operating equipment and workstations
- procedures for facility failures
- relevant sections of regulatory and operational documentation
- requirements for checking and testing equipment, including frequencies
- responsibilities for system, equipment and facilities operation
- surveillance equipment and its limitations
- surveillance range and footprints through, and adjacent to, the area of jurisdiction
- systems architecture
- workplace safety requirements for workplace equipment setup and use
- workstation layout and ergonomics.

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>