



Australian Government

Assessment Requirements for PUA FIR018

Navigate from an aircraft

Release: 1

Assessment Requirements for PUAFIR018 Navigate from an aircraft

Modification History

Release 1.0 This is the first release of this unit of competency in the PUA Public Safety Training Package.

Performance Evidence

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

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements
- briefing a pilot and conducting pilot briefings
- communicating through verbal and written instructions, intercom, radio system and hand signals
- completing post navigational activities including reporting requirements
- conducting grid and/or magnetic north and latitude and longitude conversions
- determining location and planning safe flight route by plotting a navigational route
- identifying hazards
- maintaining accuracy within accepted tolerances when following a route and retaining positional awareness
- navigating for extended periods in an aircraft
- preparing for aircraft flight including collecting incident information
- plotting positions on a map
- reacting to changes in the operating environment necessitating replanning of a course
- using maps and charts
- using navigational aids and equipment

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements, performance criteria and range of conditions and includes knowledge of

- accepted tolerances
- aircraft performance capability
- alternate routes strategies due to weather, aircraft tactical issues or lost procedures
- cartographic symbols and legends
- characteristics and limitations of Global Positioning System (GPS) and aircraft navigational

equipment

- communication methods and processes
- determination of locations
- environmental factors
- factors that may impact on navigation including prevailing weather and environmental conditions and margin of error allowable per task or incident terrain
- grid and magnetic conversions
- information on a map
- map and chart types
- methods for determining current location
- navigational equipment
- organisational documentation, policies and procedures
- other flight planning considerations
- pilot briefing
- potential hazards and flight hazards
- report requirements
- route planning techniques
- topographical features
- types of incident or task information
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements including risk mitigation

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in operational situations or in simulated operational training situations that reflect workplace conditions.

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.

Resources for assessment must include access to

- a range of relevant exercises, case studies and/or simulations
- appropriate materials, equipment, tools and personal protective clothing and equipment currently used in industry including
 - navigation equipment, weather forecast information and maps and charts for aerial navigation
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf>