



Australian Government

Assessment Requirements for PUA FIR409

Develop air attack strategies

Release: 1

Assessment Requirements for PUAFIR409 Develop air attack strategies

Modification History

Release 1. 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
- assessing fire situation
- assessing wildfire behaviour for air attack strategies and tactics
- deploying resources to undertake suppression
- documenting information related to incident
- identifying hazards that may affect aircraft operations
- implementing organisational and emergency procedures including codes of practice, hazard policy and procedures, planning and deployment of firebombing aircraft and resources and guidelines relating to safe use of equipment, resources and facilities
- meeting operations support requirements
- obtaining aviation resources to implement strategies
- reacting strategically to changes in operational conditions
- reporting accidents and incidents
- reviewing air attack strategies and tactics
- selecting and implementing firebombing strategies and tactics considering resources, operational conditions, safety of personnel and property

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

- air attack strategies including offensive, defensive and firebombing
- aviation resources including
 - aerial attack platforms such as light or large helicopter, light or medium fixed wing aircraft and aerial suppressants including foam, retardant and water
 - firebombing aircraft such as fixed and rotary wing firebombers, single engine air tankers

- (seats) and multi engine aircraft
- firebombing systems such as buckets, belly tank and scoopers
- operational personnel such as air attack supervisor, operations officer, sector commander, aircraft officer and incident controller
- characteristics, application and effectiveness of various types of fire suppressants
- communications equipment and methods
- effect of topographical environments and weather conditions on fire containment activities
- factors affecting performance of aviation resources
- fire behaviour
- fuel types
- hazards that may adversely affect aircraft operations
- operational support requirements
- organisational documentation, policies and procedures
- procedures for reporting
- strategies and tactics for fire and support activities
- tactics including direct, indirect, head, flank, parallel, line building and asset and crew protection
- type of fuel including forest, grass, plantations and scrub
- types and capabilities of firebombing aircraft
- types and capabilities of firebombing systems
- Work, Health and Safety (WHS)/ Occupational Health and Safety (OHS) organisational requirements including risk mitigation

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.

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

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 industry approved simulated workplace operational situations that reflect workplace conditions.

Competency should be demonstrated over time and in a range of contexts.

Resources for assessment must include access to

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, equipment, tools and personal protective clothing and equipment currently used in industry including
 - access to or simulation of wildfire suppression situations

- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

PUA Training Package Companion Volume Implementation Guide is found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf>