



Australian Government

PUAFIR305 Respond to aviation incidents (general)

Release: 1

PUAFIR305 Respond to aviation incidents (general)

Modification History

Release 1. This is the first release of this unit of competency in the PUA Public Safety Training Package.

Application

This unit of competency involves the skills and knowledge required to work as a member of a non-specialist team, under supervision, when responding to an aviation incident. It applies to personnel required to respond to an aircraft incident, primarily outside of major domestic and international airports, it is not intended for specialised aviation firefighters.

The fire sector is those sections of government departments, statutory authorities or organisations that have responsibility under jurisdictional arrangements for the delivery of firefighting and fire management services.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

It is essential that the prerequisite units listed below are obtained prior to the issuance of this unit to individuals within the fire sector or the units contributing to the attainment of a fire qualification.

One of the following:

PUAFIR220 Respond to isolated structure fire

PUAFIR203 Respond to urban fire

Competency Field

Fire

Unit Sector

Fire

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Respond to aviation emergency

- 1.1** Approach to aviation incident is determined by onsite and environmental conditions
- 1.2** Access to aviation incident is based on airport and aircraft knowledge and use of maps, plans and diagrams
- 1.3** Equipment is selected and used to achieve aviation incident objectives, strategies and tactics

2 Evacuate persons and attend to casualties

- 2.1** Hazards and injury risks associated with aircraft fires and crashes are identified and reported
- 2.2** Equipment is selected and located to facilitate evacuation and rescue
- 2.3** Appropriate rescue techniques are used to release trapped persons
- 2.4** Evacuees are moved and/or directed to a safe area, in accordance with organisational procedures

3 Conduct aviation emergency operations

- 3.1** Operational tactics are determined, communicated and implemented based on aviation incident conditions and available resources and equipment
- 3.2** Changing conditions are evaluated and any changes to tactics is communicated through the chain of command, in accordance with organisational procedures
- 3.3** Operations are carried out, in accordance with organisational procedures
- 3.4** Ongoing liaison is conducted with emergency services and relevant authorities, in accordance with organisational procedures

4 Conclude aviation emergency operations

- 4.1** Evidence at the aviation incident is preserved and secured
- 4.2** Any damage to the aircraft, caused by forcible entry is recorded and reported, in accordance with organisational procedures
- 4.3** At conclusion of aviation incident responsibility for the site is transferred to relevant authority

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to PUAFIR305B Respond to aviation incidents (general).

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>

Assessment Requirements for PUAFIR305 Respond to aviation incidents (general)

Modification History

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Performance Evidence

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

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements
- concluding aviation operations
- conducting operations using available resources and equipment
- evacuating persons and attending to casualties
- identifying hazards and risks
- implementing aviation objectives, strategies and tactics
- participating in aircraft incident response planning
- preserving and securing evidence at scene
- responding to aviation emergency including identifying type of incident
- selecting and using firefighting equipment and extinguishing media
- selecting and using firefighting personal protective clothing and equipment

Knowledge Evidence

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

- aircraft construction
- aircraft hazards
- aircraft emergency procedures
- airport operating procedures
- available resources and equipment
- characteristics and limitations of equipment and resources
- emergency procedures for aviation accidents and incidents
- fire ground strategies and tactics for aviation incidents
- objectives, strategies and tactics including control and extinguish fire, isolate aircraft fuselage from hazard and maintain safe escape routes
- organisational documentation, policies and procedures
- onsite and environmental conditions including potential conditions

- types of aviation accidents and incidents
- types of aircraft fires
- 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.

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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 industry approved 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, equipment, tools and personal protective clothing and equipment currently used in industry including
 - airport and aircraft
 - firefighting equipment and fire extinguishment media
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

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