



Australian Government

PUAFIR205 Respond to aviation incident (specialist)

Release: 1

PUAFIR205 Respond to aviation incident (specialist)

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 under supervision as a member of a specialist aviation incident response team while responding to an aviation event. It applies to personnel who are members of specialist aviation incident response teams.

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.

PUAFIR203 Respond to urban fire

Competency Field

Fire

Unit Sector

Fire

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Respond to aircraft incident

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Approach to aircraft incident is based on type of accident or collision, location, terrain, weather, wind

- speed, direction and response time requirements
- 1.2** Hazards and personal injury risks associated with aircraft incidents and/or accidents are identified
 - 1.3** Access to incident is gained through use of airport maps and aircraft diagrams or plans
 - 1.4** Changing incident conditions are anticipated, reported and managed, in accordance with organisational procedures
 - 1.5** Operations are carried out, in accordance with organisational procedures and regulatory requirements
- 2 Use appropriate equipment**
- 2.1** Equipment is selected, in accordance with incident objectives and strategies
 - 2.2** Appropriate rescue and/or firefighting equipment is selected and used, in accordance with organisational procedures
 - 2.3** Appropriate equipment is selected and used to isolate aircraft fuselage from hazards and escape paths are maintained, in accordance with organisational procedures
- 3 Evacuate persons and attend to casualties**
- 3.1** Hazards and injury risks associated with aircraft incidents are identified and reported
 - 3.2** Equipment is selected and located to facilitate evacuation and rescue
 - 3.3** Evacuees are directed to a safe area and casualties are attended to
- 4 Conduct operations**
- 4.1** Operational tactics are implemented based on incident conditions, in accordance with organisational procedures
 - 4.2** Changing incident conditions are evaluated and any alterations to tactics are communicated, in accordance with organisational procedures
 - 4.3** Operations are carried out, in accordance with industry regulatory requirements
 - 4.4** Fuselage protection and escape paths are established and maintained, in accordance with organisational procedures

- 4.5 Assistance to passengers and crew is provided during aircraft evacuation
 - 4.6 Evacuees and or casualties are moved or directed to a safe area, in accordance with organisational procedures and Aerodrome Emergency Plan
 - 4.7 Appropriate rescue techniques are used to release trapped persons from aircraft
- 5 **Conclude operations**
 - 5.1 Evidence at aircraft incident is preserved and secured, in accordance with organisational procedures
 - 5.2 Any damage to the aircraft caused by forcible entry is recorded and reported, in accordance with organisational procedures and legislative requirements

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 PUAFIR205B Respond to aviation incident (specialist).

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 PUAFIR205 Respond to aviation incident (specialist)

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

- adhering to airport operating procedures
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including identifying toxic environments
- conducting and concluding operations
- evacuating persons and attending to casualties
- identifying hazards and undertaking risk assessment
- implementing aviation firefighting objectives and tactics and strategies
- meeting legislative and regulatory requirements
- responding to an aviation incident
- selecting and using aviation firefighting equipment, extinguishing media and personal protective clothing and equipment
- using appropriate equipment
- using strategies including controlling and extinguishing fire, isolation of aircraft fuselage from hazard and maintenance of safe paths of egress
- working with aviation firefighting equipment including
 - aircraft rescue and firefighting vehicle
 - ancillary firefighting equipment
 - apparatus to deliver extinguishing medium
 - breathing apparatus
 - equipment for lighting
 - escape safety devices
 - extrication devices
 - fire hose
 - fixative or sealant for composite fibres
 - ladders
 - rescue equipment
 - specialised tools for cabin entry
 - ventilation 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

- aircraft construction
- aircraft and airport emergency procedures
- characteristics and limitations of equipment
- incident objectives, strategies and tactics
- organisational documentation, policies and procedures
- potential hazards and risk mitigation
- types of aviation incidents
- types of aviation accidents and incidents including aircraft incidents, equipment, strategies and operational tactics
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements

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
 - firefighting equipment, aircraft or simulator and fire extinguishing media
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

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