



Australian Government

PUAAMS001 Work in an aviation environment

Release: 1

PUAAMS001 Work in an aviation environment

Modification History

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

Application

This unit involves the skills and knowledge required to work effectively as a crew member in accordance with organisational policies and procedures. Team members and crews may be members from a range of government and/or non-government organisations and/or agencies.

The unit is applicable to members of Air Search and Rescue working in the air.

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

Pre-requisite Unit

Not applicable.

Competency Field

Aviation Marine Search and Rescue

Unit Sector

Aviation Marine Search and Rescue

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Work effectively as a member of a search and rescue crew

PERFORMANCE CRITERIA

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

- 1.1** Crew functions and responsibilities are determined, in accordance with organisational policies and procedures
- 1.2** Contact and/or call out arrangements and requirements are determined from organisational documents and personal employment

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| | 1.3 | Factors which impede or disqualify personnel from performing safe and effective aircrew duties are determined |
| | 1.4 | Communication equipment, terminology and procedures are utilised to ensure safe and effective operations during flight |
| | 1.5 | In flight performance is maintained |
| 2 Work safely in an aviation environment | 2.1 | Safety procedures for working in and around aircraft are followed |
| | 2.2 | Cabin and/or load security and dangerous good requirements are determined and followed, in consultation with the pilot in command |
| | 2.3 | Appropriate manual handling strategies are applied when loading the aircraft |
| | 2.4 | In flight hazards are identified and risks are managed, in accordance with safety procedures |
| 3 Respond to aircraft emergency situations | 3.1 | Aircraft cabin, load and occupants are prepared for impact |
| | 3.2 | Firefighting equipment is used to protect occupants and the aircraft from fire |
| | 3.3 | Escape and/or evacuation plan is implemented, as required |
| | 3.4 | Emergency and ongoing care is provided to injured occupants |
| | 3.5 | Survival plan is implemented, in accordance with organisational policies and procedures |
| 4 Complete documentation | 4.1 | Manifests, load sheets and other pre-flight documents are completed |
| | 4.2 | In flight operations log is completed, in accordance with organisational procedures |
| | 4.3 | Debriefing documents and other post flight reports are completed and submitted to relevant personnel |

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 PUAAMS001B Work in an aviation environment and PUAAMS001A Work in an aviation environment.

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 PUAAMS001 Work in an aviation environment

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

- communicating information
- completing search and rescue documentation
- implementing organisational policies and procedures including Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements
- operating aircraft doors, aircraft intercom systems, aviation survival equipment and firefighting equipment
- performing safely as a crew member in an aviation environment
- reporting and/or rectifying human factors to reduce the likelihood of errors that may occur
- working as a member of a search and rescue crew

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

- air traffic control procedures and terminology
- aircraft accidental hazards and response
- airside safety and aircraft safety
- aviation meteorology
- aviation technology and communication procedures
- communication techniques
- emergency care requirements
- facility emergency response plans
- hazardous goods including petroleum fuels
- human factors which impede or exclude safe performance including in flight hazards
- manual handling hazards and techniques
- organisational documentation including pre and post flight records
- organisational policies and procedures including WHS/OHS legislated requirements and risk mitigation
- safety procedures for working in and around aircrafts

- survival equipment

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 must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate 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
- relevant and appropriate materials, equipment, tools and personal protective clothing and equipment including
 - appropriate training facility and an aircraft used in industry
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operations manuals.

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