



**Australian Government**

# **PUAFIR017 Work safely around aircraft**

**Release: 1**

# PUAFIR017 Work safely around aircraft

## Modification History

**Release 1.0** 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 apply safe work practices when working around aircraft for organisational operations. It includes working safely in or around aircraft and facilitating safe ground support.

The unit is applicable to the provision of introductory training for personnel providing support services for aerial operations, noting that personnel undertaking specialist functions such as aircraft marshalling, aircraft refuelling, fire suppressant mixing and loading and ground-to-air radio communications will require further training. It also applies to the provision of safety training for operational personnel who may be required to utilise aircraft or work in the vicinity of aircraft in the performance of their work tasks and/or the provision of foundation training for all aviation related roles for fire, land management and emergency management.

Work is performed independently or under limited supervision as a single operator or within a team environment.

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

Not applicable.

## Competency Field

Fire

## Unit Sector

Fire

## Elements and Performance Criteria

### ELEMENTS

Elements describe the essential outcomes.

### PERFORMANCE CRITERIA

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

#### **1 Work safely in and around aircraft**

- 1.1** Site and job hazards are identified, risks are assessed and control measures are implemented
- 1.2** Personal protective clothing and equipment is worn and used correctly in accordance with organisational procedures
- 1.3** Appropriate clearances and permissions, where required, are obtained and procedures are adhered to whilst operating in aircraft movement areas
- 1.4** Any approach to an operating aircraft is made from an angle visible to the pilot or air crew and with approval of the pilot or air crew
- 1.5** Adequate clearance is maintained from propellers, rotors, engines, exhaust gases and engine intakes
- 1.6** Typical manoeuvring patterns of aircraft are anticipated and a safe distance is maintained
- 1.7** Instructions or signals from pilots or staff controlling aircraft are complied with in accordance with organisational procedures

#### **2 Facilitate safe ground support**

- 2.1** Briefing on safety and tasks are received and acknowledged from task supervisor
- 2.2** Appropriate approvals and precautions are observed when positioning vehicles or equipment close to aircraft
- 2.3** Instructions from pilots and/or authorised air crew coordinating aircraft operations are followed
- 2.4** Aircraft loading and other activities relating to the aircraft, where required, are conducted under pilot or authorised air crew supervision
- 2.5** Aircraft hazards and equipment defects are reported to pilot or approved task supervisor
- 2.6** Compliance is maintained around aircraft in accordance with air base regulations

- 2.7 Accidents are identified and reported to pilot and/or task supervisor
- 2.8 Directions from pilot or air crew are followed during an emergency

## **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 PUAFIR209 Work safely around aircraft.

## **Links**

Companion Volume Implementation Guides are found in VETNet -

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