



Australian Government

Department of Education, Employment and Workplace Relations

PUAFIR209B Work safely around aircraft

Revision Number: 2

PUAFIR209B Work safely around aircraft

Modification History

Not applicable.

Unit Descriptor

Unit Descriptor This unit applies to any personnel involved in working on the ground around aircraft.

Application of the Unit

Application of the Unit The application of this unit in the workplace - the environments, complexities and situations involved - will be written during Phase II of the Review of the PUA00 Public Safety Training Package. This text will be useful for the purposes of job descriptions, recruitment advice or job analysis; where possible, it will not be too job specific to allow other industries to import it into other Training Packages, where feasible.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite Unit/s Nil

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the Required Skills and Knowledge and/or the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

1. Work safely in the vicinity of aircraft

- 1.1 *Suitable, visible clothing and protective equipment* are used
- 1.2 Appropriate *precautions* and clearances are followed when operating on or near aircraft movement areas
- 1.3 Any approach to an operating *aircraft* is made according to the organisation's procedures, from an angle visible to the pilot or flight crew and with approval of the pilot or flight crew
- 1.4 Adequate clearance is maintained from propellers, rotors and/or turbine engines, exhaust gases and engine intakes
- 1.5 Activities anticipate the typical *manoeuvring patterns* of aircraft
- 1.6 Any instructions or signals from pilots or staff controlling aircraft are complied with
- 1.7 *Site hazards* are identified

2. Facilitate safe ground support

- 2.1 *Appropriate precautions* are observed when positioning vehicles or equipment close to aircraft
- 2.2 Aircraft design features are respected while boarding, loading or handling aircraft
- 2.3 Instructions from pilots, the organisation's staff coordinating aircraft operations, organisation's procedures and placards are followed during ground support operations
- 2.4 Aircraft loading is supervised by the pilot or flight crew member and complies with the appropriate weight, balance and loading system
- 2.5 Areas are designated and separated according to site features and the specific operations being conducted
- 2.6 Fitting of equipment to an aircraft is conducted under the pilot's supervision and with the appropriate regulatory approvals
- 2.7 Aircraft fuels, oils, and supplies are stored and handled according to regulatory requirements and the organisation's procedures
- 2.8 Any suspected defects or hazards to aircraft or equipment are reported to the pilot or other appropriate supervisor
- 2.9 Appropriate aerodrome regulations are complied with

ELEMENT**PERFORMANCE CRITERIA****Required Skills and Knowledge****REQUIRED SKILLS AND KNOWLEDGE**

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

Use of specialist aviation support equipment

Required Knowledge

aircraft familiarisation

aerodrome familiarisation

aerodrome working and lighting

aircraft movement characteristics

overview of aircraft performance, operation, loading and refuelling precautions

Evidence Guide**EVIDENCE GUIDE**

EVIDENCE GUIDE

Critical aspects for assessment and evidence required to demonstrate competency in this unit

It is essential for this unit that competence be demonstrated in:
 compliance with regulatory requirements and the organisation's procedures; identification of hazards, and precautions effected on a consistent, conscious and continuing basis; detailed knowledge of procedures for unusual events
 Actions are driven by an overriding concern for safety and quality rather than minimal observance of requirements

Consistency in performance

Evidence should be gathered over a period of time in a range of actual or simulated workplace environments

Context of and specific resources for assessment

Context of assessment

On the job or in a simulated work environment

Specific resources for assessment

Access to actual or simulated aircraft and aerodrome facilities

Guidance information for assessment

Information that will assist or guide assessment will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

Range Statement

RANGE STATEMENT

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

Aircraft may include	aeroplanes helicopters unmanned aerial vehicles other airborne vehicles
Suitable visible clothing and protective equipment may include	high visibility overalls/vests use of lighting or beacons hand, eye, ear and foot protection
Appropriate precautions while manoeuvring may include	fixed wing and helicopter marshalling observing aerodrome limits ground markings/lighting avoidance of obstructions/hazards and navigation aids clearances (radio) advisory instructions light signals
Safety equipment may include	first aid fire extinguisher ear muffs eye goggles protective overalls protective boots respiratory protection signalling devices head protection
Site hazards may include	wires/powerlines/fences live stock native fauna masts/aerials terrain weather conditions level of visibility public trees dust
Anticipation of manoeuvring patterns may include	circuit procedures take-off, approach and landing characteristics ground manoeuvring capabilities

RANGE STATEMENT

	special procedures (eg. at night or in poor weather conditions)
Protection against hazards may include	hand, eye, ears and foot protection
Operational procedures for approaching aircraft may include	maintaining visibility with pilot or flight crew compliance with pilot or flight crew instructions compliance with operational placards
Aircraft controllers may include	pilot flight crew ground support supervisor aircraft coordinating personnel

Unit Sector(s)

Not applicable.

Corequisite Unit/s

Co-requisite Unit/s Nil