



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **PUADEFDC002B Function in the Australian aerospace environment**

**Revision Number: 1**

## **PUADEFDC002B Function in the Australian aerospace environment**

### **Modification History**

Not applicable.

### **Unit Descriptor**

#### **Unit Descriptor**

This unit covers the competency required to safely function in the Australian aerospace environment.

This unit of competency has been primarily written for Defence Cadets.

### **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
<p>1. <b>Identify information about the aerospace industry in Australia</b></p>	<p>1.1 Structure of the Australian aerospace industry and the functions of the different sectors are outlined</p> <p>1.2 Structure of the Defence aerospace organisation and the roles of the three services are outlined</p> <p>1.3 Career opportunities within the Australian aerospace environment and the entry requirements are identified</p> <p>1.4 Career opportunities within the Defence aerospace environment and the entry requirements are identified</p> <p>1.5 Up-to-date knowledge of the Australian aerospace environment is maintained</p> <p>1.6 Up-to-date knowledge of the Defence aerospace environment is maintained</p>
<p>2. <b>Recognise aircraft</b></p>	<p>2.1 <i>Basic parts of the airframe of a fixed wing aircraft</i> are identified</p> <p>2.2 Current Australian Defence Force (ADF) and civilian aircraft are identified</p>
<p>3. <b>Maintain basic situation awareness in the aviation workplace</b></p>	<p>3.1 Occupational health and safety (OH&amp;S) requirements and recognised safety precautions are applied while operating in an <i>aviation workplace</i></p> <p>3.2 Personal protective equipment is worn at all times when operating in an aviation workplace</p> <p>3.3 Aircraft hazards and safety distances are observed in accordance with <i>standard procedures</i></p> <p>3.4 Movement within an aviation workplace is conducted in a safe manner</p> <p>3.5 Unsafe actions or situations are recognised and reported to supervisor or other appropriate personnel</p>

## **Required Skills and Knowledge**

### **REQUIRED SKILLS AND KNOWLEDGE**

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

#### **Required Skills**

- apply safety and security practices and regulations
- basic research skills to identify and collect information
- recognise and anticipate safety and security problems and hazards and take appropriate action
- questioning/listening skills to elicit information

#### **Required Knowledge**

- ADF bases from which aircraft operate
- aircraft recognition features
- components of an aircraft airframe
- relevant safety and security regulations, rules, policies and procedures
- roles of ADF aircraft
- safety and security hazards and risks in the aviation workplace
- sectors of the aerospace industry

## Evidence Guide

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

Assessment must confirm the ability to identify a mixture of at least ten civilian and military aircraft; and to safely move on a tarmac and within a maintenance facility.

### **Consistency in performance**

Competency should be demonstrated over a range of aviation workplaces to ensure consistency of performance.

### **Context of and specific resources for assessment**

#### **Context of assessment**

Competency should be assessed in the workplace or in a simulated workplace environment.

#### **Specific resources for assessment**

Access to an aviation workplace.

### **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.

**Basic parts of the airframe of a fixed wing aircraft may include**

Empennage (tail plane)  
 Engine  
 Flap trim tabs, tie-down points and stall warning indicator  
 Fuel caps, tanks, drains and vents  
 Fuselage  
 Special features  
 Undercarriage  
 Wing

**Aviation workplace may include**

In or around an aircraft  
 Maintenance facility  
 Tarmac

**Standard procedures may include**

OH&S regulations  
 Organisational procedure manuals  
 Relevant state/territory or federal legislation  
 Written and verbal orders and instructions

### Unit Sector(s)

Not applicable.

### Corequisite Unit/s

Co-requisite Unit/s Nil