



Australian Government

DEFDC002B Function in the Australian aerospace environment

Release: 2

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Modification History

Release	TP Version	Comments
2	DEF12V2	Layout adjusted. No changes to content.
1	DEF12V1	Primary release.

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

As agreed in the creation of this Training Package, applications for units transferred from the PUA00 Public Safety Training Package will be developed as part of continuous improvement plans, and taking into account the change in Unit of Competency format as detailed in templates for Streamlined Training Packages.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

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

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.

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.

<i>Basic parts of the airframe of a fixed wing aircraft</i> 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
<i>Aviation workplace</i> may include:	• In or around an aircraft • Maintenance facility • Tarmac
<i>Standard procedures</i> may include:	• WHS regulations • Organisational procedure manuals • Relevant state/territory or federal legislation • Written and verbal orders and instructions

Unit Sector(s)

Not applicable.