



Australian Government

DEFADI007 Load and secure cargo during fixed wing air-land tasks

Release: 1

DEFADI007 Load and secure cargo during fixed wing air-land tasks

Modification History

This is the first release of this unit of competency in the DEF Defence Training Package

Application

This unit specifies the skills and knowledge required to load and secure aviation cargo in aircraft. Tasks need to be performed with attention to detail without injury to self/others or damage to goods or equipment.

It includes loading and securing aviation cargo in fixed wing aircraft during air-land tasks. It also includes responding to aircraft loading issues.

This unit applies to persons who are expected to load and secure aviation cargo in a Defence aerial delivery context, such as specialists working as part of an aerial delivery crew in and around aircraft, often in conjunction with the crew of supporting aircraft, tasked for air-land operations.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Persons undertaking this unit would perform in a range of contexts, under supervision, as part of a team, while performing specific tasks.

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

Pre-requisite Unit

Not applicable

Competency Field

Air Dispatch

Unit Sector

Not applicable.

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 Load and secure aviation cargo in aircraft | 1.1 Marshal vehicles up and to aircraft after obtaining clearance

1.2 Prepare aircraft for loading

1.3 Stow cargo in aircraft using manual handling techniques and in accordance with organisational procedures

1.4 Operate loading aids to load cargo

1.5 Select, operate and apply restraint devices

1.6 Secure and restrain cargo |
| 2 Respond to aircraft loading issues | 2.1 Identify problems in loading, stowing and securing cargo

2.2 Determine solution/s in consultation with load team members and load supervisor

2.3 Identified solution/s is implemented

2.4 Report to appropriate personnel identified problem/s that cannot be resolved by the load team |

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

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>

Assessment Requirements for DEFADI007 Load and secure cargo during fixed wing air-land tasks

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- applying problem-solving techniques
- applying safety, legislative and statutory requirements relevant to the risk assessment
- communicating effectively with others
- complying with aircraft role and capability limitations
- complying with cargo regulations for air movements
- identifying hazards, assessing risks and implementing control measures
- identifying, interpreting and analysing risk assessment requirements relevant to aircraft work being performed
- monitoring and anticipating operational problems and hazards.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- aircraft weight and balance principles
- features and differences of loading systems used in various aircraft types
- fixed wing aircraft freight loading and lashing principles
- potential problems that may occur when loading and securing aviation freight, and appropriate action that should be taken in each case
- principles for the safe and effective handling, loading and securing of freight into a fixed wing aircraft
- problem-solving techniques
- risks that exist when loading and securing aviation freight.

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 other simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including operational procedures, regulations, codes of practice and operation manuals.

Links

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