



Australian Government

DEFADI003 Rig and dispatch air-drop loads

Release: 1

DEFADI003 Rig and dispatch air-drop loads

Modification History

Release 1. 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 prepare, rig and dispatch air-drop loads in support of ground activities, which may occur in a hostile or benign environment.

It includes loading, rigging and dispatching container and platform for air-drop loads from aircraft.

This unit applies to those working as air dispatchers for Defence but is applicable to any individual in this field of work.

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 work as part of a team under supervision and perform routine tasks in a range of contexts.

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.

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|--|---|
| 1 Rig container and platform for air-drop loads | 1.1 Select and use hand and power tools in accordance with organisational procedures |
| | 1.2 Select and use aerial delivery equipment in accordance with organisational procedures |
| | 1.3 Rig and safely restrain container and platform loads, and attach parachute as part of a crew, in accordance with organisational procedures |
| | 1.4 Compile, use and distribute air-drop and air movement documents in accordance with organisational procedures |
| 2 Load and dispatch air-drop loads | 2.1 Operate aircraft loading equipment and restraint devices in accordance with organisational procedures |
| | 2.2 Prepare stores and equipment for container and platform air-drop |
| | 2.3 Dispatch air-drop loads safely and effectively from aircraft in accordance with air-drop procedures |

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 DEFCM303B Rig and dispatch air-drop loads.

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 DEFADI003 Rig and dispatch air-drop loads

Modification History

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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:

- adhering to aircraft and airfield discipline requirements
- applying rated strengths and/or safe working stresses
- applying safety, legislative and statutory requirements relevant to the risk assessment
- compiling air movements and air-drop documentation
- completing aircraft loading
- identifying aircraft safety features, tiedown points and capacities
- identifying hazards, assessing risks and implementing control measures
- loading and restraining container and platform loads in the aircraft for air-drop
- loading, restraining and manually dispatching compact and container air-drop loads from aircraft
- managing air-drop load resources
- selecting and handling parachutes
- using weighing devices (scales) and calculators.

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:

- airfield and aircraft discipline
- cargo aircraft roles and capabilities
- classification for dangerous goods
- loading cargo aircraft
- load restraint guidelines
- organisational policies and procedures
- parachute handling requirements
- responsibilities of an air dispatch crew member in flight
- safe weight limits of equipment and load restraint devices
- types and methods of air-drop and their application
- uses, strengths, handling and storage of aerial delivery equipment.

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 currently used in industry
- applicable documentation including operational procedures, load restraint guidelines, regulations, codes of practice and operation manuals.

Links

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