



Australian Government

AVIW3003 Operate aircraft embarkation and disembarkation equipment

Release: 1

AVIW3003 Operate aircraft embarkation and disembarkation equipment

Modification History

Release 1. This is the first release of this unit of competency in the AVI Aviation Training Package.

Application

This unit involves the skills and knowledge required to operate aircraft embarkation and disembarkation equipment, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes conducting pre-operational checks, operating embarkation and disembarkation equipment, and retracting and storing embarkation and disembarkation equipment.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to equipment and system operations of flight or ground operations personnel, and contributes to safe and effective performance in complex aviation operational environments.

Operations are conducted as part of recreational, commercial and military aircraft activities across a variety of operational contexts within the Australian aviation industry.

Work is performed independently or under limited supervision as a single operator or within a team environment.

Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Use for Defence Aviation is to be in accordance with relevant Defence Orders, Instructions, Publications and Regulations.

Pre-requisite Unit

Not applicable.

Competency Field

W – Equipment and Systems Operations

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 Conduct pre-operational checks

- 1.1 Personal protective equipment is selected and used in accordance with workplace procedures
- 1.2 Pre-operational checks of embarkation/disembarkation equipment are conducted in accordance with workplace procedures and manufacturer instructions
- 1.3 Fluid levels are topped up as required in accordance with workplace procedures
- 1.4 Equipment faults and malfunctions identified during pre-operational checks are rectified or reported in accordance with workplace procedures and regulatory requirements

2 Operate embarkation and disembarkation equipment

- 2.1 Embarkation and disembarkation equipment is pre-positioned to assigned location in preparation for aircraft arrival in accordance with workplace procedures
- 2.2 Embarkation and disembarkation equipment is manoeuvred to aircraft and positioned against fuselage in preparation for passenger embarkation/disembarkation in accordance with workplace procedures
- 2.3 Embarkation and disembarkation equipment is operated in accordance with workplace procedures and manufacturer instructions
- 2.4 Hazards associated with operating embarkation and disembarkation equipment are identified and appropriate precautions are taken in accordance with work health and safety (WHS)/occupational health and safety (OHS) regulations and workplace hazard management strategies

3 Retract and store embarkation and disembarkation equipment

- 3.1 Equipment is withdrawn from aircraft and manoeuvred to assigned storage bay/area at completion of loading activities in accordance with workplace procedures and local instructions
- 3.2 Post-operational checks of equipment are conducted in accordance with workplace procedures and manufacturer instructions

- 3.3 Equipment faults and malfunctions identified during post-operational checks are rectified or reported in accordance with workplace procedures and regulatory requirements
- 3.4 Embarkation/disembarkation equipment is refuelled and fluid levels are topped up in accordance with workplace procedures, relevant regulatory requirements and manufacturer instructions
- 3.5 Equipment log or operational documentation is completed in accordance with workplace procedures, local instructions and regulatory requirements

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.

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| Personal protective equipment must include: | <ul style="list-style-type: none">• hearing protection• protective clothing• safety footwear• safety gloves |
| Embarkation/disembarkation equipment must include: | <ul style="list-style-type: none">• manually operated mobile stairs• motorised mobile stairs• other types of embarkation and disembarkation equipment |
| Pre- and post-operational checks must include: | <ul style="list-style-type: none">• battery charge• fluid levels• fuel level• visual inspection for faults or defects |

Unit Mapping Information

This unit replaces and is equivalent to AVIW3003B Operate aircraft embarkation and disembarkation equipment.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>