



Australian Government

A VIW2002 Operate an aerobridge

Release: 1

AVIW2002 Operate an aerobridge

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 an aerobridge, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes pre-positioning the aerobridge, docking with an aircraft on arrival, and retracting the aerobridge on departure.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to equipment and system operations of 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

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Pre-position aerobridge

- 1.1 Aerobridge pre-operational checks are conducted in accordance with workplace procedures and manufacturer instructions
- 1.2 Aerobridge console is operated in accordance with workplace procedures and manufacturer instructions
- 1.3 Appropriate safety checks are made to ensure roll-door is down and apron is clear in accordance with workplace procedures and regulatory requirements
- 1.4 Floodlights are employed during low-visibility operations in accordance with workplace procedures
- 1.5 Aerobridge is pre-positioned for aircraft type in accordance with workplace procedures and manufacturer instructions
- 1.6 Roll-door is secured and closed in readiness for aircraft arrival in accordance with regulatory requirements

2 Deploy aerobridge

- 2.1 Aerobridge is manoeuvred towards the aircraft in accordance with manufacturer instructions and workplace procedures for type of aircraft being docked
- 2.2 Aerobridge movement is monitored and controlled through docking procedure
- 2.3 Aerobridge is placed on auto level in accordance with manufacturer instructions
- 2.4 Aerobridge roll-door and aircraft door are opened and safety shoe is positioned in accordance with workplace procedures and regulatory requirements

3 Retract and stow aerobridge

- 3.1 Aerobridge safety strap is retracted in accordance with workplace procedures
- 3.2 Aerobridge is retracted from aircraft to minimum safety distance using aerobridge console in accordance with manufacturer instructions and workplace procedures
- 3.3 Canopy is retracted, lowered and locked into position in accordance with workplace procedures and manufacturer instructions
- 3.4 Aerobridge pre-position function is selected and aerobridge

- is returned to PARK position after aircraft departure
- 3.5 Roll-door is closed and secured in accordance with regulatory requirements
 - 3.6 Aerobridge console is deactivated and power isolated in accordance with manufacturer instructions and workplace 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.

Unit Mapping Information

This unit replaces and is equivalent to AVIW2002B Operate an aerobridge.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>