



Australian Government

AVIW3004 Operate ramp equipment

Release: 1

AVIW3004 Operate ramp 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 ramp 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 ramp equipment as part of baggage loading/unloading operations, and retracting and storing ramp 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

PERFORMANCE CRITERIA

<p>Elements describe the essential outcomes.</p>	<p>Performance criteria describe the performance needed to demonstrate achievement of the element.</p>
<p>1 Conduct pre-operational checks</p>	<p>1.1 Personal protective equipment is selected and used in accordance with workplace procedures</p> <p>1.2 Pre-operational checks of ramp equipment are conducted in accordance with workplace procedures and manufacturer instructions</p> <p>1.3 Fluid levels are topped up as required in accordance with workplace procedures</p> <p>1.4 Ramp equipment faults and malfunctions identified during pre-operational checks are rectified or reported in accordance with workplace procedures and regulatory requirements</p>
<p>2 Operate ramp equipment as part of baggage loading/unloading operations</p>	<p>2.1 Ramp equipment is manoeuvred to aircraft and positioned in preparation for baggage loading/unloading operations in accordance with workplace procedures, local instructions and relevant regulatory requirements</p> <p>2.2 Height of ramp equipment is adjusted to align with baggage hold doorway and baggage carts in accordance with workplace procedures and manufacturer instructions</p> <p>2.3 Ramp equipment is operated in accordance with workplace procedures, work health and safety (WHS)/occupational health and safety (OHS) regulations and manufacturer instructions</p> <p>2.4 Hazards associated with operation of ramp equipment are identified and appropriate precautions are taken in accordance with WHS/OHS regulations and workplace hazard management strategies</p> <p>2.5 Safe manual handling techniques are applied when handling baggage as part of ramp operation activities in accordance with WHS/OHS regulations and workplace procedures</p> <p>2.6 Loading/unloading of baggage is completed in collaboration with other members of ramp team in accordance with team leader/supervisor directions, load plan, workplace procedures and regulatory requirements</p>
<p>3 Retract and store ramp equipment</p>	<p>3.1 Ramp equipment is retracted and manoeuvred to storage bay/area at completion of loading activities in accordance with workplace procedures</p>

- 3.2 Post-operational checks of ramp equipment are conducted in accordance with workplace procedures and manufacturer instructions
- 3.3 Ramp equipment faults and malfunctions identified during post-operational checks are rectified or reported in accordance with workplace procedures and regulatory requirements
- 3.4 Ramp 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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|---|---|
| Ramp equipment must include: | <ul style="list-style-type: none">• baggage carts• belt loader• up-down pallet loader |
| Hazards must include: | <ul style="list-style-type: none">• dust• jet blast• noise• other vehicles in the vicinity of the aircraft• personnel in the vicinity of the aircraft |
| Personal protective equipment must include: | <ul style="list-style-type: none">• hearing protection• protective clothing• safety footwear• safety gloves |
| Pre-operational checks must include: | <ul style="list-style-type: none">• battery charge level• fluid levels• fuel level |

- visual inspection for faults or defects

Unit Mapping Information

This unit replaces and is equivalent to AVIW3004B Operate ramp equipment.

Links

Companion Volume implementation guides are found in VETNet -

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