



Australian Government

AVIW2010 Operate baggage tug

Release: 1

AVIW2010 Operate baggage tug

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

It includes conducting pre-operational checks; operating baggage tug; and shutting down, parking and storing baggage tugs.

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

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Conduct pre-operational checks on baggage tug	1.1 Personal protective equipment is selected and used in accordance with workplace procedures 1.2 Pre-operational checks of baggage tug 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 baggage tug	2.1 Baggage tug is manoeuvred to required location in preparation for haulage operations in accordance with workplace procedures 2.2 Baggage tug is coupled to baggage carts or other ramp equipment as directed 2.3 Baggage tug is operated in accordance with workplace procedures and manufacturer instructions 2.4 Hazards associated with operating a baggage tug 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 2.5 Baggage cart or ramp equipment is hauled to required location and uncoupled in accordance with workplace procedures, local instructions and relevant regulatory requirements 2.6 Instructions for next operation are obtained and baggage tug driven to required location in accordance with workplace procedures, local instructions and regulatory requirements
3 Shut down, park and store baggage tug	3.1 Tug is manoeuvred to allocated parking or storage area at completion of scheduled haulage activities 3.2 Post-operational checks of baggage tug 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 Baggage tug is refuelled and fluid levels topped up in accordance with workplace procedures, and manufacturer instructions
- 3.5 Electric baggage tug is connected to electrical recharging supply in accordance with workplace procedures and manufacturer instructions
- 3.6 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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| Hazards that exist when operating baggage tugs must include: | <ul style="list-style-type: none">• dust• jet blast• noise• obstacles in operational area• other vehicles/aircraft in the vicinity• personnel in operational area |
| 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• fluid levels• fuel level visual inspection for faults or defects |

Unit Mapping Information

This unit replaces and is equivalent to AVIW2010B Operate baggage tug.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for AVIW2010 Operate baggage tug

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:

- adapting to differences in equipment and operating environment in accordance with standard operating procedures
- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant legislation and workplace procedures
- communicating effectively with others
- completing relevant documentation
- identifying and correctly using relevant equipment
- implementing contingency plans
- implementing work health and safety (WHS)/occupational health and safety (OHS) procedures and relevant regulations
- interpreting and following operational instructions and prioritise work
- modifying activities depending on workplace contingencies, situations and environments
- monitoring and anticipating operational problems and hazards and taking appropriate action
- monitoring work activities in terms of planned schedule
- operating electronic communications equipment to required protocol
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- reporting and/or rectifying identified problems promptly, in accordance with regulatory requirements and workplace procedures
- selecting and using required personal protective equipment conforming to industry and WHS/OHS standards
- working collaboratively with others
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

Knowledge Evidence

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

- emergency procedures
- features and differences in operating characteristics for various types of baggage tugs in operation at Australian airports
- layout of airport and location of aircraft gates
- manufacturer instructions for checking and operating a baggage tug
- principles of baggage tug operation
- problems that may occur when operating a baggage tug and appropriate action that should be taken in each case
- relevant Australian Standards
- relevant information/documents:
 - baggage tug operational checklists
 - conditions of service, legislation and industrial agreements including workplace agreements and awards
 - equipment logs/records
 - flight schedules and aircraft gate schedules
 - induction and training materials
 - licence requirements of the relevant licensing authority
 - local instructions
 - manufacturer specifications and instructions for baggage tug being operated
 - pre- and post-operational checklists
 - workplace instructions and job specification
- relevant local instructions for baggage tug operation
- relevant sections of Civil Aviation Safety Regulations (CASRs) and Civil Aviation Orders related to ground operations
- relevant WHS/OHS and environmental protection procedures and regulations
- risks that exist when operating a baggage tug and related risk control procedures and precautions
- workplace procedures for operating a baggage tug.

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 processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- acceptable means of simulation assessment
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment currently used in industry.

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