



Australian Government

AVIW5022 Coordinate the removal of disabled aircraft

Release: 1

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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 coordinate the removal of disabled aircraft, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes coordinating aircraft recovery resources, maintaining operational facilities, and documenting and recording the removal process.

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 Coordinate aircraft recovery resources	<ul style="list-style-type: none">1.1 Appropriate clearances are obtained prior to removal process1.2 Established removal procedures are followed1.3 Removal activities are coordinated with aircraft owner and relevant regulatory bodies1.4 Need for recovery equipment is determined and its source is identified1.5 Aircraft escort services on airside are provided as required1.6 Obstacle restriction areas are avoided or made safe in accordance with workplace policy and procedures1.7 Signs and notices are complied with1.8 Hazards are identified, risks are assessed and hazard management is implemented1.9 Airport organisations and others likely to be affected by the removal are notified1.10 Appropriate aircraft recovery location is identified and route to that location is established
2 Maintain operational facilities	<ul style="list-style-type: none">2.1 Serviceability inspections are conducted to determine areas that may be restored to operational service2.2 Infringement of obstacle limitation surfaces (OLS) and any changes to declared distances are determined2.3 Visual aids are provided, installed and removed at completion of aircraft recovery2.4 Emergency response procedures are implemented as required2.5 Notice to Airmen (NOTAM) action is initiated and cancelled as required to support aircraft recovery
3 Document and record removal process	<ul style="list-style-type: none">3.1 Records of meetings are taken as required3.2 Visual recording of removal process is conducted where access allows3.3 Appropriate logbook entries are made

- 3.4 Incident or aircraft recovery reports are prepared and processed

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.

Obstacle restriction areas must include one or more of the following:

- clearways
- runway end safety areas
- runway strips
- taxiway strips

Visual aids must include one or more of the following:

- aerodrome lighting
- markers and markings
- signal circles
- wind indicator

Signs and notices must include one or more of the following:

- authorised entry
- hazard warnings
- limited access
- movement area guidance signs
- no smoking
- speed restrictions
- underground electrical reticulation

Hazards must include one or more of the following:

- bird or animal activity
- changes or loss of runway surface frictional characteristics
- disabled aircraft, vehicles and equipment and associated debris
- excessive loose materials
- flooding
- fuel and oil spills
- loss of runway shape
- loss of visibility of markings
- potholes or cracks
- runway edge fretting
- stripping
- unsatisfactory pavement bearing capacity

Serviceability inspections must include:

- displaced threshold markers
- dumb bell markers
- glider markers
- signal circle markers
- unserviceability cones
- unserviceability cross markers
- unserviceability lighting

Emergency response procedures must include one or more of the following:

- implementing aerodrome emergency procedures
- reporting to the Australian Transport Safety Bureau
- reporting to local police service

Unit Mapping Information

This unit replaces and is equivalent to AVIW5022A Coordinate the removal of disabled aircraft

Links

Companion Volume implementation guides are found in VETNet -

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