



Australian Government

AVIF3016 Marshal aircraft

Release: 1

AVIF3016 Marshal aircraft

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

It includes preparing for marshalling, establishing/disestablishing aircraft parking position, and conducting aircraft marshalling.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to safety management duties 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

F – Safety Management

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 Prepare for marshalling	<ul style="list-style-type: none">1.1 Arrival/departure information is received and processed in accordance with workplace procedures1.2 Marshalling requirements for different aircraft types are determined and requirements are clarified as required1.3 Hazards are identified, risks are assessed and hazard management is implemented1.4 Personal protective equipment is selected and fitted1.5 Work health and safety (WHS)/occupational health and safety (OHS) requirements and recognised safety precautions are applied throughout the operation1.6 Allocated aircraft parking position is confirmed1.7 Marshalling, aircraft parking and ancillary support equipment are selected and checked for serviceability1.8 Relevant documentation is completed and processed in accordance with workplace procedures
2 Establish/disestablish aircraft parking position	<ul style="list-style-type: none">2.1 Marshalling, aircraft parking, and ancillary support equipment are positioned and used in accordance with manufacturer instructions and workplace procedures2.2 Movement is conducted in a safe manner in accordance with workplace procedures2.3 Environmental factors are monitored to ensure safety is maintained
3 Conduct aircraft marshalling	<ul style="list-style-type: none">3.1 Special circumstances/procedures during aircraft marshalling are allowed for3.2 Standard marshalling signals and/or communications are employed3.3 Visual contact with pilot, other aircrew and/or ground staff is maintained3.4 Safety distances between aircraft and ground personnel/obstructions are identified and maintained3.5 Emergency actions are conducted in an aircraft fire or other

- incident, in accordance with workplace procedures
- 3.6 Aircraft is secured/unsecured in accordance with workplace procedures
- 3.7 Wind speed and direction are continually assessed for impact on marshalling operations
- 3.8 Effects of aircraft ground turbulence on personnel and unsecured objects are taken into consideration

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.

Marshalling must include one or more of the following:

- aircraft parking
- allocating and prioritising
- cargo loading and unloading
- hover
- hover taxiing
- refuelling operations
- rotor engagement
- start-up
- shutdown
- taxiing

Marshalling requirements for different aircraft types must include one or more of the following:

- aerodrome access
- aircraft parking/landing area capacity
- physical security

Personal protective equipment must include one or more of the following items:

- eye goggles
- head protection
- hearing protection
- high visibility clothing
- protective overalls
- protective boots
- respiratory protection equipment

Marshalling equipment must include one or more of the following:	<ul style="list-style-type: none">• flags• hand signals• paddles• torches• wands
Aircraft parking equipment must include one or more of the following:	<ul style="list-style-type: none">• covers and intake inserts (bungs)• earthing leads• flags• magnetic pins• mechanical locking devices• tie-down devices• wheel chocks
Ancillary support equipment must include one or more of the following:	<ul style="list-style-type: none">• access/egress equipment• external aircraft power facilities• first aid kit• fire extinguisher• parking markers and barriers
Special circumstances/procedures must include one or more of the following considerations:	<ul style="list-style-type: none">• aircraft with no prop or rotor brake• installation of locking, protection or security devices• negative rotation• power sources• safety requirements e.g. fire bottle attendants• safety pin requirements for aircraft carrying ordnance• undercarriage lock pins
Emergency actions must include:	<ul style="list-style-type: none">• aircraft evacuation procedures• basic firefighting• basic first aid• crowd control• notifying emergency services• spill and hazard control
Standard marshalling signals must include:	<ul style="list-style-type: none">• International Civil Aviation Organization (ICAO) signals• standard hand signals

Unit Mapping Information

This unit replaces and is equivalent to AVIF3016A Marshal aircraft.

Links

Companion Volume implementation guides are found in VETNet -

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