



**Australian Government**

# **AVIW3021 Coordinate aircraft ground operations**

**Release: 1**

# AVIW3021 Coordinate aircraft ground operations

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

It includes regulating aircraft engine ground running, controlling aircraft parking, providing escort services to aircraft, providing ground security to aircraft, and monitoring aircraft refuelling.

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

Elements describe the essential outcomes.

#### **1 Regulate aircraft engine ground running**

#### **2 Control aircraft parking**

#### **3 Provide escort services to aircraft**

#### **4 Provide ground security to aircraft**

#### **5 Monitor aircraft refuelling**

### PERFORMANCE CRITERIA

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

1.1 Appropriate ground engine running locations are selected

1.2 Engine ground running is checked in relation to time, duration and level

1.3 Ground running activities are reported

2.1 Compliance with aircraft parking restrictions is checked

2.2 Hazards are identified, risks are assessed and hazard management is implemented

2.3 Aircraft push-backs are monitored

2.4 Marshalling services are provided as required

2.5 Parking breaches are logged and reported, and appropriate action is taken

3.1 Need for escort services is appropriately assessed

3.2 Appropriate communications are established and maintained

3.3 Appropriate safe movement routes are taken

4.1 Parked aircraft are routinely observed

4.2 Suspicious or unusual activity in the vicinity of parked aircraft is investigated, logged and reported

5.1 Use of correct procedures and standards in refuelling activities is monitored

5.2 Correct disposal of fuel samples is ensured

5.3 Breaches are logged and reported

## **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 AVIW3021A Coordinate aircraft ground operations.

## **Links**

Companion Volume implementation guides are found in VETNet -

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