



**Australian Government**

**AVIY0091 Apply aeronautical knowledge  
and civil air law to flight dispatch  
operations**

**Release: 1**

# **AVIY0091 Apply aeronautical knowledge and civil air law to flight dispatch 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 apply aeronautical knowledge and civil air law to flight dispatch operations in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes identifying aviation regulations, utilising aviation terminology, applying knowledge of basic aircraft power plants and systems, and applying aerodynamic theory. It also includes applying knowledge of aviation navigation charts, aircraft operations, and performance and planning factors.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to aircraft operational duties of flight dispatch and flight operations support 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.

## **Pre-requisite Unit**

Not applicable.

## **Competency Field**

Y – Aircraft Operation and Traffic 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 Identify aviation regulations**

- 1.1** State/territory authority requirements and authorisations required for commercial and air transport operations are explained
- 1.2** Methods of exercising state/territory authority functions are identified
- 1.3** Requirements of an Air Operator Certificate (AOC) are applied
- 1.4** Role of International Air Transport Association (IATA), International Civil Aviation Organisation (ICAO) and other relevant aviation organisations is explained
- 1.5** Role of national aviation regulatory bodies and enterprise organisational structures is explained
- 1.6** Specific state/territory and enterprise regulations relating to dispatch of aircraft are applied to flight dispatch activities
- 1.7** International civil aviation convention provisions are identified

#### **2 Utilise aviation terminology**

- 2.1** Standard aeronautical terminology and phraseology is used to describe aviation operations
- 2.2** Flight direction is correctly explained using accepted units of measure and direction
- 2.3** Flight speed, distance and velocity terms are correctly explained and applied to flight dispatch activities
- 2.4** Aviation units of measure are utilised during flight dispatch operations

#### **3 Apply knowledge of basic aircraft power plants and systems**

- 3.1** Aircraft propulsion system types, principles and operational differences are followed
- 3.2** Propeller driven aircraft types and principles of operation are explained



## **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.

Non-essential conditions may be found in the Aviation Training Package Companion Volume Implementation Guide.

## **Unit Mapping Information**

This unit replaces and is equivalent to AVIY0042 Apply aeronautical knowledge and civil air law to flight dispatch operations.

## **Links**

Companion Volume Implementation Guides are found in VETNet' -

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