



**Australian Government**

# **AVI50415 Diploma of Aviation (Instrument Rating)**

**Release 1**

# **AVI50415 Diploma of Aviation (Instrument Rating)**

## **Modification History**

Release 1. This is the first release of this qualification in the AVI Aviation Training Package.

## **Qualification Description**

This qualification reflects the roles of flight crew personnel operating in support of commercial or Defence aviation flight operations.

Flight crew duties include applying technical and non-technical aviation skills and knowledge to a wide range of air transport operations, including passenger, charter and cargo operations while operating aeroplanes or helicopters under the instrument flight rules (IFR).

Individuals working at this level will apply knowledge and skills to demonstrate autonomy, judgement and defined responsibility in known or changing contexts within broad but established parameters.

This qualification forms some of the requirements for an Instrument Rating certification by the Civil Aviation Safety Authority (CASA) as directed by Civil Aviation Safety Regulation (CASR) Part 61 Flight crew licensing.

People seeking certification should check these requirements with CASA.

Use for Defence Aviation is to be in accordance with relevant Defence Orders, Instructions, Publications and Regulations.

### **Occupations may include:**

Commercial aeroplane pilot

Commercial helicopter pilot

Military aeroplane pilot

Military helicopter pilot.

## **Entry Requirements**

Commercial or military pilot entrants to this qualification should check requirements with CASA or Defence Aviation for certification and/or flight hour requirements.

## **Packaging Rules**

A total of **13 units of competency** comprising:

**12 core units** listed below **plus**

**1 specialist elective unit** from the specialist elective units listed below. The specialist elective unit must contribute to the vocational outcomes of the qualification.

**Core units**

AVIF0007	Implement threat and error management strategies
AVIF0008	Manage safe flight operations
AVIH0005	Plan a flight under instrument flight rules
AVIH5017	Navigate aircraft under instrument flight rules
AVIW5018	Operate and manage aircraft systems
AVIY0001	Operate aircraft using aircraft flight instruments
AVIY0013	Conduct a 2D instrument approach
AVIY0022	Perform instrument arrival and standard arrival route procedures
AVIY5024	Operate aircraft in the traffic pattern at night
AVIY5027	Perform non published instrument departure procedures
AVIY5028	Perform published instrument departure procedures
AVIY5033	Perform visual circling approach

**Specialist elective units**

AVIY0014	Conduct a 3D instrument approach
AVIY5023	Operate a multi-engine aeroplane
AVIY5034	Conduct a 2D non-directional beacon instrument approach
AVIY5035	Conduct a 2D very high frequency omni-directional radio range instrument approach
AVIY5036	Conduct a 3D instrument landing system instrument approach
AVIY5037	Conduct a 2D distance measuring equipment global navigation satellite system instrument approach
AVIY5038	Conduct a 2D global navigation satellite system non-precision instrument approach
AVIY5065	Operate a multi-engine helicopter

## **Qualification Mapping Information**

This qualification replaces and is equivalent to AVI50408 Diploma of Aviation (Instrument Flight Operations).

## **Links**

AVI Aviation Training Package Companion Volume Implementation Guide at: -  
<http://tlisc.org.au/training-packages/aviation-training/>