



**Australian Government**

# **AVI50519 Diploma of Aviation (Instrument Rating)**

**Release 1**

# AVI50519 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.

### Occupations 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 **14 units of competency** comprising:

**13 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**

AVIF0029	Implement threat and error management strategies
AVIF0030	Manage safe flight operations
AVIH0013	Plan a flight under instrument flight rules
AVIH0017	Navigate aircraft under instrument flight rules
AVIW0032	Operate and manage aircraft systems
AVIY0033	Operate aircraft using aircraft flight instruments
AVIY0044	Conduct a 2D instrument approach
AVIY0050	Perform instrument arrival and standard arrival route procedures
AVIY0073	Operate aircraft in the traffic pattern at night
AVIY0074	Perform non-published instrument departure procedures
AVIY0075	Perform published instrument departure procedures
AVIY0076	Perform visual circling approach
AVIY0081	Conduct a 2D global navigation satellite system non-precision instrument approach

**Specialist elective units**

AVIH0015	Plan a flight under night visual flight rules
AVIH0016	Navigate aircraft under night visual flight rules
AVIY0045	Conduct a 3D instrument approach
AVIY0072	Operate a multi-engine aeroplane
AVIY0077	Conduct a 2D non-directional beacon instrument approach
AVIY0078	Conduct a 2D very high frequency omni-directional radio range instrument approach
AVIY0079	Conduct a 3D instrument landing system instrument approach
AVIY0080	Conduct a 2D distance measuring equipment global navigation satellite system instrument approach
AVIY0082	Operate a multi-engine helicopter

## Qualification Mapping Information

This qualification replaces and is equivalent to AVI50415 Diploma of Aviation (Instrument Rating).

## Links

AVI Training Package Companion Volume Implementation Guide available on VET Net: - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>