Australian Government

AVI50315 Diploma of Aviation
(Commercial Pilot Licence – Helicopter)

Release 1

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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 performing normal and emergency commercial pilot duties 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.

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

This qualification forms some of the requirements for certification as a commercial pilot 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 include:

Commercial helicopter pilot

Military helicopter pilot.

Entry Requirements

Commercial or military pilot entrants to this qualification should check requirements with CASA or Defence Aviation for specific pilot entry standards.

Packaging Rules

A total of **30 units of competency** comprising:

29 core units listed below **plus**

1 general elective unit from the general elective units listed below. The general elective unit

must contribute to the vocational outcomes of the qualification.

Core units

AVIE4001	Maintain aircraft radio communications
AVIF0004	Implement aviation risk management processes
AVIF0005	Implement aviation fatigue risk management processes
AVIF0007	Implement threat and error management strategies
AVIF0008	Manage safe flight operations
AVIF0011	Manage aircraft passengers and cargo
AVIF0014	Manage human factors in aviation operations
AVIH0002	Plan a flight under visual flight rules
AVIH4001	Navigate aircraft under visual flight rules
AVILIC0002	Licence to operate a commercial helicopter
AVIO0002	Manage disruptive behaviour and unlawful interference with aviation
AVIW4001	Manage pre- and post-flight actions
AVIW5018	Operate and manage aircraft systems
AVIY0001	Operate aircraft using aircraft flight instruments
AVIY0002	Operate in controlled airspace
AVIY0003	Operate in Class G airspace
AVIY0004	Operate at non-towered aerodromes
AVIY0005	Operate at a controlled aerodrome
AVIY0008	Apply aeronautical knowledge to aviation operations
AVIY0009	Apply the principles of civil air law to aviation operations
AVIY0020	Taxi helicopter
AVIY4007	Manage aircraft fuel
AVIY4011	Control helicopter on the ground
AVIY4012	Control helicopter in hovering flight

AVIY4014	Take off helicopter and approach to hover
AVIY4015	Control helicopter in normal flight
AVIY4017	Execute advanced helicopter manoeuvres and procedures
AVIY4018	Manage abnormal and emergency helicopter flight situations
AVIZ4001	Manage situational awareness in aircraft flight

General elective units

AVIF0001	Apply aircraft safety procedures
AVIF2014	Undertake aircraft underwater escape and survival
AVIH4012	Plan a flight under night visual flight rules
AVIH4013	Navigate aircraft under night visual flight rules
AVIN0001	Command an aircraft in a multi-crew environment
AVIN0002	Supervise and manage safe flight operations as pilot in command
AVIW3026	Conduct night vision imaging system operations
AVIY0007	Conduct aerial application operations
AVIY0021	Operate helicopter at low level
AVIY4058	Pilot a helicopter during external load operations
AVIY4059	Pilot a helicopter during rappelling operations
AVIY4060	Pilot a helicopter during hoisting operations
AVIY5024	Operate aircraft in the traffic pattern at night
AVIZ0001	Maintain and manage situational awareness as pilot in command
HLTAID002	Provide basic emergency life support

Qualification Mapping Information

This qualification replaces but is **not** equivalent to AVI40208 Certificate IV in Aviation (Commercial Pilot Helicopter Licence).

Transport & Logistics Industry Skills Council

Links

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