



Australian Government

AVI40116 Certificate IV in Aviation (Aircrewman)

Release 1

AVI40116 Certificate IV in Aviation (Aircrewman)

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 aircrewman duties in support of commercial or Defence aviation operations.

Aircrewman duties include applying technical and non-technical aviation skills and knowledge within rotary wing operational environments.

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

This qualification forms some of the requirements for certification as flight crew by the Civil Aviation Safety Authority (CASA) as described in Civil Aviation Order 20.11 Emergency and life saving equipment and passenger control in emergencies, and Civil Aviation Safety Regulation (CASR) Part 64 Authorisations for non-licensed personnel.

Civil and military flight crew seeking authorisation as non-licensed personnel 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:

Air Crew Officer (ACO)

Aircrewman.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

A total of **21 units of competency** comprising:

14 core units listed below **plus**

7 general elective units from the general elective units listed below. The general elective units must contribute to the vocational outcomes of the qualification.

Core units

AVIF0001	Apply aircraft safety procedures
AVIF0004	Implement aviation risk management processes
AVIF0014	Manage human factors in aviation operations
AVIF2014	Undertake aircraft underwater escape and survival
AVIF3005	Maintain the safety of people and aircraft
AVIF3006	Respond to abnormal and emergency situations in an aircraft
AVIO0002	Manage disruptive behaviour and unlawful interference with aviation
AVIW3025	Complete aircraft and flight equipment pre- and post-flight actions
AVIY3052	Conduct helicopter landing site and unprepared helicopter landing site operations
AVIZ1005	Maintain basic situational awareness in an aviation workplace
BSBMGT401	Show leadership in the workplace
TLIA1001	Secure cargo
TLID2003	Handle dangerous goods/hazardous substances
TLIE3002	Estimate/calculate mass, area and quantify dimensions

General elective units

AVIE0001	Operate aeronautical radio
AVIE3003	Complete a Notice to Airmen
AVIE4001	Maintain aircraft radio communications

AVIF0002	Provide first aid in an aviation environment
AVIF0005	Implement aviation fatigue risk management processes
AVIF2015	Utilise emergency breathing system
AVIF3016	Marshal aircraft
AVIJ4002	Conduct quality control operations related to refuelling and defuelling aircraft
AVIL3003	Plan an aircraft load
AVIW3006	Refuel aircraft
AVIW3024	Perform wireman duties
AVIW3026	Conduct night vision imaging system operations
AVIW3027	Deliver pyrotechnics and handheld stores
AVIW4028	Manage aircraft sensor systems
AVIY0008	Apply aeronautical knowledge to aviation operations
AVIY0009	Apply the principles of civil air law to aviation operations
AVIY4051	Conduct external load-lift operations
AVIY4053	Perform aircrewman cockpit duties
AVIY4054	Conduct hoisting operations
AVIY4055	Conduct airborne extraction operations
AVIY4056	Conduct airborne rappelling operations
HLTAID007	Provide advanced resuscitation
TLIO1002	Follow security procedures when working with passengers and personnel

Qualification Mapping Information

This qualification replaces but is **not** equivalent to AVI40610 Certificate IV in Aviation (Aircrewman).

Links

AVI Aviation Training Package Companion Volume Implementation Guide at: -
http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=21