AVI40119 Certificate IV in Aviation (Air Crew Officer)

Release 2

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Modification History

Release 2. Updated superseded HLT elective unit.

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 air crew officer duties in support of commercial or Defence aviation operations.

Air crew officer 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 by the Civil Aviation Safety Authority (CASA) as a task specialist or other aerial work operations as directed by Civil Aviation Safety Regulation (CASR) Part 138 Aerial work operations.

Civil and military flight crew seeking authorisation for aerial work operations should check these requirements with CASA.

Occupations include:

* Air Crew Officer (ACO)

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.

Up to 2 elective units may be selected from any relevant nationally endorsed Training Package or accredited course. The elective units must contribute to the vocational outcomes of the qualification.

The following imported units have a prerequisite unit:

* HLTAID015 Provide advanced resuscitation and oxygen therapy

Core units

AVIF0023	Apply aircraft safety procedures
AVIF0026	Implement aviation risk management processes
AVIF0035	Manage human factors in aviation operations
AVIF0038	Undertake aircraft underwater escape and survival
AVIF0041	Maintain the safety of people and aircraft
AVIF0042	Respond to abnormal and emergency situations in an aircraft
AVIO0017	Manage disruptive behaviour and unlawful interference with aviation
AVIW0025	Complete aircraft and flight equipment pre- and post-flight actions
AVIY0051	Conduct helicopter landing site and unprepared helicopter landing site operations
AVIZ0003	Maintain basic situational awareness in an aviation workplace
BSBMGT405	Provide personal leadership
TLIA1001	Secure cargo
TLID2003	Handle dangerous goods/hazardous substances
TLIE3002	Estimate/calculate mass, area and quantify dimensions

General elective units

AVIE0003	Operate aeronautical radio
AVIE0005	Complete a Notice to Airmen (NOTAM)
AVIE0006	Maintain aircraft radio communications
AVIF0024	Provide first aid in an aviation environment
AVIF0027	Implement aviation fatigue risk management processes
AVIF0039	Utilise emergency breathing system
AVIF0044	Marshal aircraft
AVIJ0002	Conduct quality control operations related to refuelling and defuelling aircraft
AVIL0005	Plan an aircraft load

AVIW0020	Refuel aircraft
AVIW0024	Perform down the wire duties
AVIW0026	Conduct night vision imaging system operations
AVIW0027	Deliver pyrotechnics and handheld stores
AVIW0030	Manage aircraft sensor systems
AVIY0040	Apply aeronautical knowledge to aviation operations
AVIY0041	Apply the principles of civil air law to aviation operations
AVIY0065	Conduct external load-lift operations
AVIY0066	Conduct hoisting operations
AVIY0067	Conduct airborne extraction operations
AVIY0068	Conduct airborne rappelling operations
AVIW0034	Perform non-pilot cockpit duties
HLTAID011	Provide First Aid
HLTAID015	Provide advanced resuscitation and oxygen therapy ∟ HLTAID011 Provide First Aid
TLIO1002	Follow security procedures when working with passengers and personnel

Qualification Mapping Information

This qualification replaces and is equivalent to AVI40116 Certificate IV in Aviation (Air Crew Officer).

Links

Companion Volume Implementation Guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816