



Australian Government

Department of Education, Employment and Workplace Relations

AVI40610 Certificate IV in Aviation (Aircraftman)

Revision Number: 1

AVI40610 Certificate IV in Aviation (Aircrewman)

Modification History

Not applicable.

Description

Rationale:

This qualification reflects the role of an Aircrewman working in the helicopter operational environment. Successful completion will require competency in units that relate to work defined as aligned at AQF Level 4. Qualifications should be structured to align with licensing and regulatory requirements applicable to the occupation concerned.

Performance of a defined range of skilled operations, usually within a range of broader related activities involving known routines, methods and procedures, where some discretion and judgement is required in the selection of equipment, services or contingency measures and within known time constraints.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability Skills Summary for AVI40610 Certificate IV in Aviation (Aircrewman)

The following table contains a summary of the employability skills as identified by the Aviation Industry for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none">• Implement communication systems and procedures required for Aircrewman functions• Listen to and interpret verbal information related to Aircrewman tasks• Read and interpret relevant regulations, instructions, signs and labels applicable to Aircrewman functions• Speak clearly and directly on diverse and complex matters• Write documents as part of duties, including completion of relevant forms, maintenance schedules and accident and incident reports• Negotiate complex issues with others in the course of carrying out Aircrewman tasks• Recognise and interpret non-verbal signs, signals and behaviours• Use relevant communication equipment.
Teamwork	<ul style="list-style-type: none">• Provide leadership as required• Motivate self and others in the workplace• Collaborate with others in the course of Aircrewman functions• Resolve any interpersonal conflicts that arise• Manage the avoidance and prevention of harassment of others in the workplace• Manage persons of different ages, gender, race, religion, political persuasion, etc.
Problem solving	<ul style="list-style-type: none">• Identify and solve and/or report complex problems arising in the course of work• Monitor and anticipate problems that may occur in the course of Aircrewman functions including hazards and risks and take appropriate action to report or resolve the problems within limits of

Employability Skill**Industry/enterprise requirements for this qualification include:**

responsibility

- Manage the control of hazards and risks in a range of complex and diverse situations that may arise
- Use mathematics to solve problems such as various calculations related to a wide range of Aircrewman functions.

Employability Skill**Industry/enterprise requirements for this qualification include:****Initiative and enterprise**

- Modify activities dependent on differing flight situations and contingencies
- Take appropriate initiatives in a diverse range of operational situations such as those above
- Manage the response to any changes in equipment, standard operating procedures and the working environment.

Planning and organising

- Implement and monitor operational and emergency plans, systems and procedures
- Implement and monitor systems and procedures for maintaining compliance with regulations and codes of practice
- Monitor the implementation of the workplace security and safety management systems (where applicable)
- Monitor and evaluate operational performance and compliance
- Organise and plan own supervisory activities
- Manage time and priorities in the course of Aircrewman functions.

Self management

- Interpret and apply relevant regulations and instructions
- Establish and follow own work plans and schedules
- Evaluate and monitor own work performance.

Learning

- Manage adaptation of others in the workplace to any changes in flight systems, equipment and procedures and the workplace operating environment
- Instruct, coach or mentor others in the workplace as required
- Contribute to the assessment of the competence of others in the workplace as required
- Adapt own competence in response to any changes in Aircrewman functions
- Update own knowledge and skills required for flight supervisory activities.

Technology

- Use complex equipment and systems required during Aircrewman tasks
- Implement and monitor operational and maintenance procedures and systems for equipment used during Aircrewman functions

Employability Skill**Industry/enterprise requirements for this qualification include:**

- Implement and monitor the application of OH&S procedures when using flight equipment and facilities.

Packaging Rules**Requirements for completion of the qualification:**

A successful assessment outcome for a total of **21 units** comprising:

- **14 core units** listed below

plus

- **7 elective units.** At least **4 of the elective units** must be selected from the elective units list below. Up to **3 elective units** with appropriate contextualisation may be selected from any currently endorsed national Training Package or accredited course. Where the choice of a unit from another currently endorsed national Training Package or accredited course is made, this unit must come from a qualification or course at Certificate III or above and must contribute towards the vocational outcome of the qualification.

Core Units

Field	Unit	
A Handling Cargo/Stock	TLIA107C	Secure cargo
E Communication and Calculations	TLIE207C	Estimate/calculate mass, area and quantify dimensions
F Safety Management	AVIF4001B	Manage human factors in aircraft flight
	AVIF3005B	Maintain the safety of people and aircraft
	AVIF3006B	Respond to abnormal and emergency situations within the aircraft
	AVIF2014A	Undertake aircraft underwater escape and survival
	PUAFIR209B	Work safely around aircraft

L Resource Management	AVIL3003B	Plan an aircraft load
N Leadership and Supervision	BSBMGT401A	Show leadership in the workplace
W Equipment and Systems Operations	AVIW3025A	Complete aircraft/equipment pre- and post-flight actions
Y Aircraft Operation and Traffic Management	AVIY4051A	Conduct external load-lift operations
	AVIY3052A	Conduct Helicopter Landing Site and Unprepared Helicopter Landing Site operations
	AVIY4054A	Conduct hoisting operations

Z Situation Awareness	AVIZ1005B	Maintain basic situation awareness in the aviation workplace
Elective Units		
Field	Unit	
E Communication and Calculations	AVIE4001B	Maintain aircraft radio communications
	AVIE3003B	Complete a Notice to Airmen (NOTAM)
F Safety Management	AVIF3016A	Marshal aircraft
	HLTFA201A	Provide basic emergency life support
	HLTFA404A	Apply advanced resuscitation techniques
J Quality	AVIJ4002B	Conduct quality control operations related to refuelling/defuelling aircraft
O Security	TLIO207D	Follow security procedures
W Equipment and Systems Operations	AVIW3006B	Refuel aircraft
	AVIW3024A	Perform wireman duties
	AVIW3026A	Conduct night aided vision aviation operations
	AVIW3027A	Deliver pyrotechnics and hand held stores
	AVIW4028A	Manage aircraft sensor systems
Y Aircraft Operation and Traffic Management	AVIY4053A	Perform aircrewman cockpit duties
	AVIY4055A	Conduct airborne extraction operations

AVIY4056A

Conduct airborne rappelling
operations