

## 41060 Outline aviation support structures, aircraft types and operations in New Zealand

<b>Kaupae   Level</b>	3
<b>Whiwhinga   Credit</b>	5
<b>Whāinga   Purpose</b>	<p>This skill standard is primarily for those preparing for employment in the aviation industry.</p> <p>People credited with this skill standard will be able to outline aviation support structures, aircraft types, and military and civilian operations that are required for aviation to be safe and sustainable in New Zealand.</p> <p>This skill standard is primarily for use in micro-credentials and programmes intended to provide introductory knowledge of the aviation industry.</p>

### Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

<b>Hua o te ako   Learning outcomes</b>	<b>Paearu aromatawai   Assessment criteria</b>
1. Outline aviation support structures, aircraft types and operations in New Zealand.	a. Examine the support structures that are required for aviation to be safe and sustainable.
	b. Outline the military aviation operations of the Royal New Zealand Air Force (RNZAF).
	c. Identify the airlines and aircraft types that fly to, from, and within New Zealand.
	d. Outline the functions of various operations that make up the general aviation industry.
	e. Describe other flying craft used for flying in New Zealand.

### Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

#### Assessment specifications:

The level of knowledge required in this unit standard is that of a broad, general nature which indicates an awareness of the purpose and function of support structures and operations rather than detailed content.

#### Definition:

*Sustainable* is inclusive of the workforce, organisation, and industry.

#### Ngā momo whiwhinga | Grades available

Achieved

**Ihirangi waitohu | Indicative content**

## Support structures

- Civil Aviation Authority of New Zealand.
- Air traffic control.
- Flight information services.
- Search and rescue.
- Weather forecasting services.
- Aviation Security Service (AvSec).
- Peer Assistance Network.
- Aviation Medical Examiners.
- Human Intervention Motivation Study.
- The Civil Aviation Authority's (CAA) Safe Haven initiative.
- Aviation Industry Association and Aircraft Engineering Association of New Zealand's mental health workshops.

## Unions and aviation associations

- Aircraft Owners and Pilots Association of New Zealand.
- Aircraft Engineers Association of New Zealand.
- Aviation Industry Association.
- New Zealand Agricultural Aviation Association.
- New Zealand Air Line Pilots' Association.
- NZ Airports.
- Royal New Zealand Aero Club.

## RNZAF

- Structure and roles of RNZAF operational flying units.
- Aircraft types and squadron functions.
- Overview of aviation support services in RNZAF such as maintenance, logistics, communications, and ground support.

## Airlines and aircraft types operating in New Zealand

- Identification of New Zealand-based airlines and their aircraft types.
- Overview of Civil Aviation Rule Part 129.
- Aircraft types used by Civil Aviation Rules Part 125 and Part 135 operators.
- Roles and tasks of helicopter operations, such as for emergency services, tourism, agriculture, transport, and filming.
- Role of agricultural aviation such as for spraying, fertilising, seeding, and pest control.

### Aircraft size and shape

- Description of general aviation aircraft:
  - light single-engine trainers
  - single and twin-engine passenger aircraft
  - agricultural aircraft
  - helicopters.
- Visual and functional characteristics of aircraft.

### General aviation operations

- Activities of charter operators, such as passenger flights, sightseeing, medivac, traffic watch, and television reporting.
- Differences between licensed and unlicensed airfields.
- Aerodrome and Weather Information Broadcasts (AWIB).
- Universal Communications (UNICOM) services).
- Aircraft capabilities and operational requirements.
- Controlled and uncontrolled aerodrome layout, movement areas, marking, signage, facilities, and services using Aeronautical Information Publications (AIPs) NZ as a reference.

### Other flying craft

- Hot air balloons
- Gliders and hang gliders for private, commercial, and competitive flying.
- Microlights and gyrocopters.
- Unmanned aerial vehicles (drones).

### Rauemi | Resources

- Civil Aviation Authority, *Medical Matters Good Aviation Practice*, ([www.aviation.govt.nz/licensing-and-certification/medical-certification/](http://www.aviation.govt.nz/licensing-and-certification/medical-certification/)).
- Civil Aviation Rule Part 125 Air Operations – Medium Aeroplanes ([www.aviation.govt.nz/rules/rule-part/part-125/](http://www.aviation.govt.nz/rules/rule-part/part-125/)) and associated Advisory Circulars ([www.aviation.govt.nz/rules/advisory-circulars/](http://www.aviation.govt.nz/rules/advisory-circulars/)).
- Civil Aviation Rule Part 129 Foreign Air Transport Operator – Certification ([www.aviation.govt.nz/rules/advisory-circulars/](http://www.aviation.govt.nz/rules/advisory-circulars/)) and associated Advisory Circulars.
- Civil Aviation Rule Part 135 Air Operations – Helicopters and Small Aeroplanes ([www.aviation.govt.nz/rules/rule-part/part-135/](http://www.aviation.govt.nz/rules/rule-part/part-135/)) and associated Advisory Circulars.
- Civil Aviation Rule Part 139 Aerodromes – Certification, Operation and Use ([www.aviation.govt.nz/rules/rule-part/part-139/](http://www.aviation.govt.nz/rules/rule-part/part-139/)) and associated Advisory Circulars.
- AIPs ([www.aviation.govt.nz/airspace-and-aerodromes/air-navigation/aip/](http://www.aviation.govt.nz/airspace-and-aerodromes/air-navigation/aip/)).
- Human Intervention Motivation Study ([hims.org.nz/](http://hims.org.nz/)).
- Safe Haven ([www.aviation.govt.nz/safety/safety-education-and-advice/education/vector-magazine/vector-online/introducing-safe-haven/](http://www.aviation.govt.nz/safety/safety-education-and-advice/education/vector-magazine/vector-online/introducing-safe-haven/)).
- The Peer Assistance Network ([www.pan.org.nz/](http://www.pan.org.nz/)).

**Pārongo Whakaū Kounga | Quality assurance information**

<b>Ngā rōpū whakatau-paerewa  </b> Standard Setting Body	Transport Industry Skills Board
<b>Whakaritenga Rārangi Paetae Aromatawai  </b> DASS classification	Service Sector > Aviation > Aviation - Core
<b>Ko te tohutoro ki ngā Whakaritenga i te</b> <b>Whakamanatanga me te Whakaōritenga  </b> CMR	0112

<b>Hātepe  </b> Process	<b>Putanga  </b> Version	<b>Rā whakaputa  </b> Review Date	<b>Rā whakamutunga mō te aromatawai  </b> Last date for assessment
<b>Rēhitatanga  </b> Registration	1	26 February 2026	N/A
<b>Kōrero whakakapinga  </b> Replacement information	This skill standard replaced the unit standard 19586.		
<b>Rā arotake  </b> Planned review date	31 December 2030		

Please contact Transport Industry Skills Board at [qualifications@transportisb.nz](mailto:qualifications@transportisb.nz) to suggest changes to the content of this skill standard.