

<b>Title</b>	<b>Identify and describe aviation support structures, aircraft types and operations in New Zealand</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	People credited with this unit standard are able to describe: the support structures that are required for aviation to be safe and sustainable; the military aviation operations of the Royal New Zealand Air Force (RNZAF); the airlines and aircraft types used in medium and small airlines in New Zealand; the size and shape of aircraft in common use in New Zealand; the functions of various operations that make up the general aviation industry in New Zealand; other craft used for flying in New Zealand. They are also able to identify the airlines and airliners that fly to, from and within New Zealand.
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<b>Classification</b>	Aviation > Aviation - Core
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<b>Available grade</b>	Achieved
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## Guidance Information

### 1 Definitions

*AWIB* refers to Aerodrome and Weather Information Broadcasts.

*Part 125* refers to medium aircraft, 10 – 30 seats.

*Part 129* refers to foreign air transport involving more than two take-offs or landings within New Zealand in any consecutive 28-day period.

*Part 135* refers to helicopters and small aircraft, 1 – 9 seats.

*Part 139* refers to certification of aerodromes.

*UNICOM* refers to Universal Communications.

*Standard industry texts* referred to in this unit standard may include but are not limited to – Civil Aviation Authority publications, enterprise documentation, published aviation training manuals or textbooks and manufacturer's publications.

2 Civil Aviation Rules Part 125,129, 135, and 139 can be found on the Civil Aviation Authority of New Zealand website <http://www.caa.govt.nz>.

3 Part 129 certified operators may vary from year to year.

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## Outcomes and performance criteria

### Outcome 1

Describe the support structures that are required for aviation to be safe and sustainable.

**Performance criteria**

1.1 The role of air traffic service providers for aviation in New Zealand is described.

Range may include but is not limited to – air traffic control, flight information service, search and rescue, weather information.

1.2 The role of unions and aviation associations in providing constructive input to the safety system is described.

Range unions and aviation associations include – Civil Aviation Authority (CAA), New Zealand Air Line Pilots' Association, Aircraft Owners and Pilots Association of New Zealand, Aviation New Zealand, Royal New Zealand Aero Club, New Zealand Agricultural Aviation Association, NZ Airports Association.

**Outcome 2**

Describe the military aviation operations of the Royal New Zealand Air Force (RNZAF).

**Performance criteria**

2.1 The operational flying units of the RNZAF are described.

Range aircraft types, aircraft and/or squadrons roles.

2.2 The aviation support service units for the RNZAF operations and the role of these support services are described.

**Outcome 3**

Identify the airlines and airliners that fly to, from and within New Zealand.

**Performance criteria**

3.1 The aircraft types and seating capacity of airliners flown by current New Zealand-based airlines on both international and/or domestic operations are identified.

Range six airlines and one type of aircraft operated by them.

3.2 Star Alliance members with a stake in the New Zealand civil aviation and their routes are identified.

3.3 Other Part 129 certificate holders who fly to and from New Zealand are identified.

**Outcome 4**

Describe the airlines and aircraft types used in medium and small airlines in New Zealand.

**Performance criteria**

4.1 Aircraft types used in medium and small airlines in New Zealand are described.

Range Part 125 and 135 certificate holders;  
five airlines and the type of aircraft that they operate.

4.2 The roles of helicopters in New Zealand are described.

Range types of tasks conducted by helicopter operators;  
five types of tasks.

**Outcome 5**

Describe the size and shape of aircraft in common use in New Zealand.

**Performance criteria**

5.1 Various general aviation aircraft in common use in New Zealand are described.

Range may include but is not limited to – light single engine trainers,  
single and twin engine passenger aircraft, agricultural aircraft,  
helicopters;  
two of each category.

**Outcome 6**

Describe the functions of various operations that make up the general aviation industry in New Zealand.

**Performance criteria**

6.1 Activities that a charter operator might be asked to do in general aviation are described.

Range may include but is not limited to – passenger flights, sightseeing,  
medivac, deer hunting, television reporting, traffic watch;  
description of four activities is required.

6.2 The differences between licensed and unlicensed airfields and their uses are described according to Part 139.

Range certification and operation of aerodromes, security measures,  
aircraft operators, provision of AWIB and UNICOM services.

6.3 The role of the agricultural aviation industry in New Zealand is described.

Range the tasks and capabilities of agricultural operations;  
four tasks and four capabilities.

**Outcome 7**

Describe other craft used for flying in New Zealand.

**Performance criteria**

- 7.1 Hot air balloons are described in accordance with the standard industry texts.
- 7.2 The types of gliders and hang gliders used for private, commercial and competition purposes are described in accordance with the standard industry texts.
- 7.3 Microlight and gyrocopter aircraft are described in accordance with the standard industry texts.

<b>Planned review date</b>	31 December 2025
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	16 December 2003	31 December 2020
Review	2	12 February 2010	31 December 2020
Review	3	26 April 2018	N/A
Rollover and Revision	4	25 May 2023	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0028
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact Ringa Hora Services Workforce Development Council [qualifications@ringahora.nz](mailto:qualifications@ringahora.nz) if you wish to suggest changes to the content of this unit standard.