

Title	Demonstrate knowledge of air law for private aircraft operations		
Level	3	Credits	5

Purpose	People credited with this unit standard are, for private aircraft operations in accordance with Subject No 4, able to demonstrate knowledge of: aviation legislation; personnel licensing requirements; airworthiness of aircraft and aircraft equipment; general operating and flight rules; flight planning and preparation; air traffic services; airspace, aerodromes, and heliports; and emergencies, incidents, and accidents.
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Classification	Aviation > Aircraft Operation
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Available grade	Achieved
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Guidance Information

- 1 This unit standard is aligned with the relevant parts of the prescribed syllabi of the Civil Aviation Authority of New Zealand (CAA) for Subject No 4, for a private pilot licence. Credit will be awarded on meeting the requirements of the CAA approved assessment or examination.
- 2 Private aircraft operations are those which are not performed for hire or reward.
- 3 Definitions, abbreviations, and acronyms used in this unit standard are to be found in:
 - a *Civil Aviation Rules Part 1* on the CAA website at <https://www.caa.govt.nz>, and
 - b *Aeronautical Information Publication (AIP)* published by Aeronautical Information Management (AIM), PO Box 294, Wellington 6140 or on the AIM website at <http://www.aip.net.nz>.
- 4 Evidence presented for assessment against this unit standard must be in accordance with industry texts, standards and Subject No 4.
- 5 All references to the CAA refer specifically to the Civil Aviation Authority of New Zealand.
- 6 Industry standards and recommended practices are those set in place by the CAA.
- 7 Industry texts may include but are not limited to – aircraft flight manuals, CAA Rules, CAA Advisory Circulars, NZCAA Flight Test Standard Guides, operator exposition.
- 8 For the purpose of this unit standard, *knowledge* refers to the knowledge, understanding, and application of the subject matter.

- 9 Industry requirements are that the candidate must meet the eligibility requirements of the Civil Aviation Act 1990 and the Civil Aviation Rule Part 61 for a private pilot licence.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of aviation legislation.

Performance criteria

- 1.1 Aviation legislation requirements are described.
Range may include but is not limited to – responsibilities of licence holder.
- 1.2 Definitions are stated.
Range definitions from – Civil Aviation Rules Part 1, AIP.
- 1.3 Abbreviations, meanings are stated.
Range abbreviations from – Civil Aviation Rules Part 1, AIP General.

Outcome 2

Demonstrate knowledge of personnel licensing requirements.

Performance criteria

- 2.1 Licences and ratings requirements are stated.
- 2.2 Eligibility, privileges, and limitations are described.
- 2.3 Competency, currency and recency requirements of a pilot-in-command are stated.
- 2.4 Medical requirements for holding a medical certificate are stated.

Outcome 3

Demonstrate knowledge of airworthiness of aircraft and aircraft equipment.

Performance criteria

- 3.1 Documentation, which must be carried in aircraft, is stated.
- 3.2 Aircraft maintenance requirements are described.
Range may include but is not limited to – aircraft operator, pilot maintenance, maintenance records.

3.3 Instruments and avionics, required for VFR flight, are described.

3.4 Equipment requirements are described.

Range may include but is not limited to – night VFR flight, flight over water.

Outcome 4

Demonstrate knowledge of general operating and flight rules.

Performance criteria

4.1 General operating requirements are described.

4.2 General operating restrictions are described.

4.3 General meteorological requirements and restrictions are described.

Outcome 5

Demonstrate knowledge of flight planning and preparation.

Performance criteria

5.1 Flight preparation requirements are described.

5.2 Fuel requirements are described.

5.3 Flight plan requirements are described.

Outcome 6

Demonstrate knowledge of air traffic services.

Performance criteria

6.1 Communications requirements and purpose are described.

6.2 Clearance requirements are described.

6.3 Separation methods and situations are described.

6.4 Radar services are described.

Outcome 7

Demonstrate knowledge of airspace, aerodromes, and heliports.

Performance criteria

7.1 Altimetry is described.

7.2 Cruising levels are described.

7.3 Transponders and their requirements for operation are described.

7.4 Airspace is described.

Range may include but is not limited to – control zones, control areas, restricted areas.

7.5 Aerodromes and heliports are described.

Range may include but is not limited to – limitations on use, movement area, ground signals.

7.6 Carriage of dangerous goods restrictions are described.

Outcome 8

Demonstrate knowledge of emergencies, incidents, and accidents.

Performance criteria

8.1 Responsibilities of pilots are stated.

8.2 Communications and equipment, and their use, are described.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 March 2007	31 December 2018
Review	2	20 October 2016	31 December 2027
Review	3	28 September 2023	N/A

Consent and Moderation Requirements (CMR) reference	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 if you wish to suggest changes to the content of this unit standard.