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| Title | Demonstrate knowledge of air law for instrument flight | | |
| Level | 5 | Credits | 8 |

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| Purpose | People credited with this unit standard are able, for instrument flight, to demonstrate knowledge of: aviation legislation; personnel licensing and rating requirements; airworthiness of aircraft and aircraft equipment; the general operating and flight rules; flight planning and preparation; Air Traffic Services; airspace, aerodromes, and heliports; emergencies provisions; and instrument departures and approaches. |
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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 CAA for Subject No 52, for an instrument rating. Credit will be awarded upon meeting the requirements of the CAA-approved assessment or examination.
- 2 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>.
- 3 Evidence presented for assessment against this unit standard must be in accordance with industry texts and standards.
- 4 All references to the CAA refer specifically to the Civil Aviation Authority of New Zealand.
- 5 Industry standards and recommended practices are those set in place by the CAA.
- 6 Industry texts may include but are not limited to – Civil Aviation Act 2023, aircraft flight manuals, CAA Rules, CAA Advisory Circulars, CAA Flight Test Standards Guides, operator exposition, New Zealand Defence Force (NZDF) Policy.
- 7 For the purpose of this unit standard, *knowledge* refers to knowledge, understanding, and application of the subject matter.
- 8 Industry requirements are that the candidate must meet the eligibility requirements of the Civil Aviation Act 2023 and the Civil Aviation Rules Part 61 for a pilot licence.

- 9 In accordance with the provisions of Civil Aviation Rule Part 61 for Pilot Licences and Ratings and the associated Advisory Circulars, the CAA accepts specific NZDF flight crew qualifications and associated flight experience towards a number of the prescribed eligibility requirements for the issue of a New Zealand pilot licence and associated ratings.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of aviation legislation for instrument flight.

Performance criteria

- 1.1 Aviation legislative requirements are described.

Range Civil Aviation Act Sections 7, 13.

- 1.2 Definitions and abbreviations are stated.

Outcome 2

Demonstrate knowledge of personnel licensing and rating requirements for instrument flight.

Performance criteria

- 2.1 Licensing and rating requirements are stated.

- 2.2 Eligibility, privileges, and limitations are stated and described.

- 2.3 Competency, currency, and recency requirements are stated.

- 2.4 Medical requirements are stated.

Outcome 3

Demonstrate knowledge of airworthiness of aircraft and aircraft equipment for instrument flight.

Performance criteria

- 3.1 Documentation which must be carried in an aircraft is stated.

- 3.2 Aircraft maintenance requirements are stated.

Range includes but is not limited to – inspection periods.

- 3.3 Instruments and avionics requirements are stated.

3.4 Equipment requirements are stated.

Range may include but is not limited to – IFR flight, indicating time in flight, night flight.

Outcome 4

Demonstrate knowledge of the general operating and flight rules for instrument flight.

Performance criteria

4.1 General operating requirements are stated.

4.2 General operating restrictions are stated.

Outcome 5

Demonstrate knowledge of flight planning and preparation for instrument flight.

Performance criteria

5.1 Flight preparation is described, explained, and calculated.

5.2 Alternate requirements are stated.

5.3 Fuel requirements are stated.

5.4 Flight plan requirements are stated.

Outcome 6

Demonstrate knowledge of Air Traffic Services for instrument flight.

Performance criteria

6.1 Communications requirements are stated.

6.2 Clearance requirements are stated.

6.3 Separation provisions are stated and described.

6.4 Terrain clearance is described and explained.

6.5 Weather avoidance requirements are stated.

6.6 Radar services are stated and described.

6.7 Performance Based Navigation provisions are stated and described.

Outcome 7

Demonstrate knowledge of airspace, aerodromes, and heliports for instrument flight.

Performance criteria

- 7.1 Altimetry provisions are stated, described, and explained.
- 7.2 Cruising levels provisions are stated, described, and determined.
- 7.3 Transponder provisions are stated and described.
- 7.4 Airspace provisions are stated and described.
- 7.5 Aerodromes and heliports provisions are described and interpreted.
- 7.6 Aerodrome lighting provisions are described.

Outcome 8

Demonstrate knowledge of emergencies provisions for instrument flight.

Performance criteria

- 8.1 Emergency communications and equipment provisions are stated and described.

Outcome 9

Demonstrate knowledge of instrument departures and approaches for instrument flight.

Performance criteria

- 9.1 Departure procedures are stated, determined, and calculated.
- 9.2 Holding procedures are identified and stated.
- 9.3 Approach procedures are stated, described, and interpreted.
- 9.4 Communication and navigation aid failure procedures and requirements are stated and described.

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| Replacement information | This unit standard replaced unit standard 15354. |
| Planned review date | 31 December 2028 |

Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|-------------------|--------------------------|
| Registration | 1 | 21 January 2011 | 31 December 2018 |
| Review | 2 | 20 October 2016 | 31 December 2027 |
| Review | 3 | 28 September 2023 | 31 December 2027 |
| Review | 4 | 29 May 2025 | N/A |

Consent and Moderation Requirements (CMR) reference

0028

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.