

Title	Demonstrate knowledge of air law for an airline transport pilot licence (helicopter)		
Level	6	Credits	8

Purpose	People credited with this unit standard are able, for an airline transport pilot licence (helicopter) in accordance with Subject No 37, to demonstrate: general knowledge of air law; knowledge of personnel licensing; knowledge of the airworthiness of aircraft and aircraft equipment provisions; knowledge of general operating and flight rules; knowledge of air operations provisions; knowledge of flight planning and preparation provisions; knowledge of Air Traffic Services provisions; knowledge of airspace, aerodromes, and heliports provisions; knowledge of the provisions for emergencies, incidents, and accidents; and knowledge of the provisions for instrument departures and approaches.
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Classification	Aviation > Aircraft Operation
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Available grade	Achieved
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Entry information	
Critical health and safety prerequisites	Industry requirements are that the candidate must meet the eligibility requirements of the Civil Aviation Act 1990 and the Civil Aviation Rules Part 61 for an airline transport pilot licence (helicopter).

Explanatory notes

- 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 37 for an airline transport pilot licence (helicopter). Credit will be awarded upon meeting the requirements of the CAA-approved assessment or examination.
- 2 An airline transport pilot licence permits the holder to conduct aircraft operations as pilot-in-command in an aircraft requiring a co-pilot.
- 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 The legislation referred to in this unit standard is the current version of: the Civil Aviation Act 1990 and supporting documents such as Civil Aviation Rules, Advisory Circulars, the Aeronautical Information Publication New Zealand, Aviation Information Circulars, and NOTAMs.
- 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, CAA Flight Test Standards Guides, operator exposition.
- 8 For the purpose of this unit standard, *knowledge* refers to knowledge, understanding, and application of the subject matter.

Outcomes and evidence requirements

Outcome 1

Demonstrate general knowledge of air law in accordance with Subject No 37.

Evidence requirements

- 1.1 Aviation legislation is described in accordance with statutes, industry texts, and standards.

Range Civil Aviation Act 1990.
- 1.2 Definitions and abbreviations are stated in accordance with industry texts and standards.

Outcome 2

Demonstrate knowledge of personnel licensing in accordance with Subject No 37.

Evidence requirements

- 2.1 Requirements for licences and ratings are stated in accordance with industry texts and standards.
- 2.2 Eligibility, privileges, and limitations are stated and described in accordance with industry texts and standards.
- 2.3 Competency, currency, and recency provisions are stated in accordance with industry texts and standards.
- 2.4 Medical requirements are stated in accordance with industry texts and standards.

Outcome 3

Demonstrate knowledge of the airworthiness of aircraft and aircraft equipment provisions in accordance with Subject No 37.

Evidence requirements

- 3.1 The documents which must be carried on an aircraft are stated in accordance with industry texts and standards.
- 3.2 Aircraft maintenance requirements are described and stated in accordance with industry texts and standards.
- 3.3 Instruments and avionics requirements are described in accordance with industry texts, and standards.
- 3.4 Equipment requirements are stated and explained in accordance with industry texts, and standards.

Outcome 4

Demonstrate knowledge of general operating and flight rules in accordance with Subject No 37.

Evidence requirements

- 4.1 General operating requirements are stated, described, and explained in accordance with industry texts and standards.
- 4.2 General operating restrictions are described and explained in accordance with industry texts and standards.
- 4.3 General meteorological requirements and restrictions are stated in accordance with industry texts and standards.
- 4.4 Provisions for the carriage of dangerous goods are described and stated in accordance with industry texts and standards.
- 4.5 Provisions for helicopter external load operations are stated, described, and explained in accordance with industry texts and standards.

Outcome 5

Demonstrate knowledge of air operations provisions in accordance with Subject No 37.

Evidence requirements

- 5.1 Air operations crew requirements are stated in accordance with industry texts and standards.

- 5.2 Air operations requirements and restrictions are stated in accordance with industry texts and standards.
- 5.3 Air operations meteorological requirements and restrictions are stated in accordance with industry texts and standards.
- 5.4 Air operations performance requirements are stated in accordance with industry texts and standards.
- 5.5 Air operations weight and balance requirements are stated in accordance with industry texts and standards.

Outcome 6

Demonstrate knowledge of flight planning and preparation provisions in accordance with Subject No 37.

Evidence requirements

- 6.1 Flight preparation requirements are explained, described, and derived in accordance with industry texts and standards.
- 6.2 Alternate requirements are stated in accordance with industry texts and standards.
- 6.3 Fuel requirements are stated in accordance with industry texts and standards.
- 6.4 Flight plan requirements and provisions are stated in accordance with industry texts and standards.

Outcome 7

Demonstrate knowledge of Air Traffic Services provisions in accordance with Subject No 37.

Evidence requirements

- 7.1 Communications provisions are stated, explained, and derived in accordance with industry texts and standards.
- 7.2 Clearance requirements are stated in accordance with industry texts and standards.
- 7.3 Separation provisions are stated and described in accordance with industry texts and standards.
- 7.4 Terrain clearance provisions are stated, described, and explained in accordance with industry texts and standards.
- 7.5 Weather avoidance requirements are stated in accordance with industry texts and standards.

7.6 Radar services provisions are described and stated in accordance with industry texts and standards.

7.7 GNSS provisions are stated in accordance with industry texts and standards.

Outcome 8

Demonstrate knowledge of airspace, aerodromes, and heliports provisions in accordance with Subject No 37.

Evidence requirements

8.1 Altimetry provisions are stated and described in accordance with industry texts and standards.

8.2 Cruising level requirements and provisions are stated, described, and determined in accordance with industry texts and standards.

8.3 Transponder provisions are stated and described in accordance with industry texts and standards.

8.4 Airspace provisions are stated, described, explained, and interpreted in accordance with industry texts and standards.

8.5 Aerodrome and heliport provisions are described and interpreted in accordance with industry texts and standards.

8.6 Aerodrome lighting provisions are described in accordance with industry texts and standards.

Outcome 9

Demonstrate knowledge of the provisions for emergencies, incidents, and accidents in accordance with Subject No 37.

Evidence requirements

9.1 Responsibilities of operators and pilots are stated in accordance with industry texts and standards.

9.2 Emergency communications and equipment provisions are stated and described in accordance with industry texts and standards.

Outcome 10

Demonstrate knowledge of the provisions for instrument departures and approaches in accordance with Subject No 37.

Evidence requirements

10.1 Departure procedures are stated, described, interpreted, determined, and calculated in accordance with industry texts and standards.

- 10.2 Holding procedures are stated, described, and identified in accordance with industry texts and standards.
- 10.3 Approach procedures are stated, described, interpreted, defined, and determined in accordance with industry texts and standards.
- 10.4 Procedures and requirements in the event of communications and navigation aid failure are stated and described in accordance with industry texts and standards.

Planned review date	31 December 2021
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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	N/A

Consent and Moderation Requirements (CMR) reference	0169
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact ServiceIQ qualifications@serviceiq.org.nz if you wish to suggest changes to the content of this unit standard.