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

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| 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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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 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.
- 9 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).

Outcomes and performance criteria

Outcome 1

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

Performance criteria

- 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.

Performance criteria

- 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.

Performance criteria

- 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.

Performance criteria

- 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.

Performance criteria

- 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.

Performance criteria

- 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.

Performance criteria

- 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.

Performance criteria

- 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.

Performance criteria

- 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.

Performance criteria

- 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.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

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 |

Consent and Moderation Requirements (CMR) reference

0169

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.