

Title	Demonstrate competence for a Category B flight instructor rating		
Level	6	Credits	10

Purpose	People credited with this unit standard are, for a Category B flight instructor rating, able to: carry out pre-flight briefing instruction; carry out in-flight instruction; carry out post-flight debriefing instruction; instruct in the principles of flight; instruct in aircraft performance; instruct in aircraft systems; instruct in aircraft weight and balance; instruct in ground handling of aircraft; instruct in the use of meteorological documentation; instruct in cross-country navigation techniques; instruct in air law; instruct in the use of aircraft flight manual; instruct in the use of aircraft documents; instruct in student pilot privileges and limitations; and demonstrate knowledge of CAA Rules and Advisory Circulars with respect to authorisations and responsibilities of flight instructors.
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Classification	Aviation > Aircraft Operation
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Available grade	Achieved
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Guidance Information

- 1 The flight covered by this unit standard must be demonstrated in accordance with the Civil Aviation Rules Part 61 and 91, and other relevant rules, published by the Civil Aviation Authority of New Zealand (CAA), PO Box 3555, Wellington 6140, and their subsequent amendments.
- 2 This unit standard is aligned with the relevant parts of the prescribed syllabi of the CAA for a Category B flight instructor rating. Credit will be awarded on meeting the requirements of the CAA-approved assessment or examination.
- 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 and standards.
- 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, Civil Aviation Act 2023, CAA Rules, CAA Advisory Circulars, CAA Flight Test Standards Guides, operator exposition, New Zealand Defence Force (NZDF) Policy.
- 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 Category B flight instructor rating.
- 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

Carry out pre-flight briefing instruction for a Category B flight instructor rating.

Performance criteria

- 1.1 Pre-flight briefing instruction is carried out.

Range	pre-brief, purpose and techniques, critical reflection, environmental considerations, effectiveness.
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- 1.2 Ground instructional technique and procedures are demonstrated.

Range	formal ground briefing, purpose and techniques, critical reflection, environmental considerations, effectiveness.
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Outcome 2

Carry out in-flight instruction for a Category B flight instructor rating.

Performance criteria

- 2.1 In-flight instructional techniques and procedures are demonstrated.

Range	includes but is not limited to – normal and emergency procedures, basic and advanced manoeuvres, airmanship, situational awareness, lookout, role modelling, in-flight patter, hand over and follow through, student has adequate time to practice the manoeuvre without being overridden, periodic check of trim, fault analysis and correction.
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Outcome 3

Carry out post-flight debriefing instruction for a Category B flight instructor rating.

Performance criteria

3.1 Post-flight debriefing instruction is carried out.

Range includes but is not limited to – fault analysis and correction, corrective actions, constructive feedback.

Outcome 4

Instruct in the principles of flight for a Category B flight instructor rating.

Performance criteria

4.1 Instruction in the principles of mechanics is demonstrated.

4.2 Instruction in the principles of air and airflow is demonstrated.

4.3 Instruction in the principles of lift is demonstrated.

4.4 Instruction in the principles of drag is demonstrated.

4.5 Instruction in the principles of aerofoils is demonstrated.

4.6 Instruction in the principles of propellers is demonstrated.

4.7 Instruction in the principles of level flight is demonstrated.

4.8 Instruction in the principles of gliding is demonstrated.

4.9 Instruction in the principles of climbing is demonstrated.

4.10 Instruction in the principles of turning is demonstrated.

4.11 Instruction in the principles of stability and control is demonstrated.

Outcome 5

Instruct in aircraft performance for a Category B flight instructor rating.

Performance criteria

5.1 Instruction in aerodrome geometry and take-off flight path is demonstrated.

5.2 Instruction in take-off speeds and their effects on aircraft is demonstrated.

5.3 Instruction in the factors affecting take-off and landing distances, their calculation, and use is demonstrated.

5.4 Instruction in the factors affecting aircraft load factor is demonstrated.

Outcome 6

Instruct in aircraft systems for a Category B flight instructor rating.

Performance criteria

- 6.1 Instruction in airframes is demonstrated.
- 6.2 Instruction in associated systems is demonstrated.

Outcome 7

Instruct in aircraft weight and balance for a Category B flight instructor rating.

Performance criteria

- 7.1 Instruction in the effects of aircraft weight and balance is demonstrated.

Outcome 8

Instruct in ground handling of aircraft for a Category B flight instructor rating.

Performance criteria

- 8.1 Instruction in the ground handling of aircraft is demonstrated.

Outcome 9

Instruct in the use of meteorological documentation for a Category B flight instructor rating.

Performance criteria

- 9.1 Instruction in meteorological information, its interpretation, and its use in aviation is demonstrated.
- 9.2 Instruction in weather maps and their use in aviation are demonstrated.

Outcome 10

Instruct in cross-country navigation techniques for a Category B flight instructor rating.

Performance criteria

- 10.1 Instruction in cross-country navigation techniques is demonstrated.

Outcome 11

Instruct in air law for a Category B flight instructor rating.

Performance criteria

- 11.1 Instruction in air law is demonstrated.

Outcome 12

Instruct in the use of aircraft flight manual for a Category B flight instructor rating.

Performance criteria

12.1 Instruction in the use of aircraft flight manuals is demonstrated.

Outcome 13

Instruct in the use of aircraft documents for a Category B flight instructor rating.

Performance criteria

13.1 Instruction in the use of aircraft documents is demonstrated.

Outcome 14

Instruct in student pilot privileges and limitations for a Category B flight instructor rating.

Performance criteria

14.1 Instruction in student pilot privileges is demonstrated.

14.2 Instruction in student pilot limitations is demonstrated.

Outcome 15

Demonstrate knowledge of CAA Rules and Advisory Circulars with respect to authorisations and responsibilities of flight instructors for a Category B flight instructor rating.

Performance criteria

15.1 Private pilot licences, commercial pilot licences, and Category C and B flight instructor ratings are explained.

Range flight instruction, direct and indirect instruction supervision, first solo, night instruction, aerobatics instruction, spinning instruction, multi-engine instruction, instrument flight rating instruction, cross-country instruction, authorising solo flight, logbook certification, type ratings, PPL and CPL cross-country limitations, BFR RPL, BFR PPL, BFR CPL, supervising C Cat instructors, instructor renewal requirements.

Replacement information	This unit standard replaced unit standard 16332.
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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	18 June 2010	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
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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.