

Title	Demonstrate competence for Category C flight instructor rating		
Level	6	Credits	30

Purpose	People credited with this unit standard are, for a Category C flight instructor rating, able to demonstrate: personal preparation; pre-flight briefing; flying skills; in-flight patter; handover and follow through in flight; fault analysis and correction; post-flight debriefing; knowledge of the required subjects for oral examination; instruction on aircraft documents; and the techniques of applied instruction.
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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 a Category C flight instructor rating.

Explanatory notes

- 1 The flight covered by this unit standard must be demonstrated in accordance with the Civil Aviation Rules Parts 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 C 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 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 – aircraft flight manuals, Civil Aviation Act 1990, CAA Rules, CAA Advisory Circulars, CAA Flight Test Standards Guides, operator exposition.

Outcomes and evidence requirements

Outcome 1

Demonstrate personal preparation for Category C flight instructor rating.

Evidence requirements

- 1.1 Personal attire, deportment and timeliness are demonstrated in accordance with industry texts and standards.
- 1.2 An up-to-date, summarised, and certified pilot's logbook is presented in accordance with industry texts and standards.
- 1.3 Current CPL, copies of AIP Volumes 1 and 4, appropriate charts and copies of recommended flight instruction text/s are presented in accordance with industry texts and standards.
- 1.4 Privileges and currency requirements of a Category C flight instructor are described in accordance with industry texts and standards.

Outcome 2

Demonstrate pre-flight briefing for Category C flight instructor rating.

Evidence requirements

- 2.1 The student is prepared for flight instruction in accordance with industry texts and standards.

Range includes but is not limited to – establishing student's prior knowledge, establishing environment conducive to learning, lesson presentation, terminology, knowledge of topic, interaction with student;
topics include but are not limited to – taxiing and brake check; engine check, run-up, and operation; pre take-off checks; normal, crosswind, and short field take-off; engine failure after take-off techniques; climbing; straight and level flight; full and basic panel instrument flight; medium, climbing, steep, and maximum rate turns; slow flight; stalling in basic, power on configurations, and wing drop stalls; forced landing with and without power; descent, descending turns and steep glide turns; flap usage or sideslipping; low flying (including in poor visibility); joining the circuit; normal approach and landing; flapless approach and landing; crosswind approach and landing; glide approach and landing; short field approach and landing; approach and go-round.

Outcome 3

Demonstrate flying skills for Category C flight instructor rating.

Evidence requirements

3.1 Flying skills are demonstrated in accordance with industry texts and standards.

Range includes but is not limited to – basic, advanced, and emergency manoeuvres; smooth and coordinated control; airmanship; threat and error management techniques; situational awareness; lookout; flight orientation; pilot judgement; radio telephony procedures; radio tuning.

Outcome 4

Demonstrate in-flight patter for Category C flight instructor rating.

Evidence requirements

4.1 In-flight patter is performed in accordance with industry texts and standards

Range includes but is not limited to – clarity of speech, voice modulation, unambiguity, correct use of aviation terminology, appropriate to the student, coordinated with flight demonstration.

Outcome 5

Demonstrate handover and follow through in flight for Category C flight instructor rating.

Evidence requirements

5.1 Handover and follow through are explained in accordance with industry texts and standards.

5.2 Placement of hands and feet is demonstrated in accordance with industry texts and standards.

5.3 Student is encouraged to follow through on the controls in accordance with industry texts and standards.

5.4 Student is enabled to practise manoeuvre in accordance with industry texts and standards.

Range includes but is not limited to – sufficient time to practise manoeuvre without control being overridden

5.5 Trim is checked in accordance with industry texts and standards.

Outcome 6

Demonstrate fault analysis and correction for Category C flight instructor rating.

Evidence requirements

- 6.1 Any student handling faults are identified and diagnosed in accordance with industry texts and standards.
- 6.2 Corrective action is applied in accordance with industry texts and standards.
- 6.3 Constructive critique is provided to the student in accordance with industry texts and standards.

Outcome 7

Demonstrate post-flight debriefing for Category C flight instructor rating.

Evidence requirements

- 7.1 Student is debriefed in accordance with industry texts and standards.
- 7.2 Student is provided with positive reinforcement and constructive criticism in accordance with industry texts and standards.

Outcome 8

Demonstrate knowledge of the required subjects for oral examination for Category C flight instructor rating.

Evidence requirements

- 8.1 Principles of flight are explained in accordance with industry texts and standards.
- 8.2 Cross-country navigation techniques are explained in accordance with industry texts and standards.
- 8.3 The NZAIP and supplements are explained in accordance with industry texts and standards.
- 8.4 Meteorology is described in accordance with industry texts and standards.
- 8.5 CAR Part 61 and Part 91 are described in accordance with industry texts and standards.
- 8.6 The privileges, currency and supervision requirements for a category C flight instructor are described in accordance with industry texts and standards.

Outcome 9

Instruct on aircraft documents for Category C flight instructor rating.

Evidence requirements

- 9.1 Instruction on aircraft documentation is demonstrated in accordance with industry texts and standards.
- 9.2 Instruction on aircraft loading is demonstrated in accordance with industry texts and standards.
- 9.3 Instruction on aircraft performance is demonstrated in accordance with industry texts and standards.

Outcome 10

Demonstrate the techniques of applied instruction for Category C flight instructor rating.

Evidence requirements

- 10.1 Applied instruction is carried out in accordance with industry texts and standards.

Range includes but is not limited to – how people learn; teaching methods; instructional objectives; lesson model; programme planning; communications; questioning techniques; training aids; briefing/debriefing; application of instruction in the cockpit; characteristics of aviation students; role of the instructor; functions of assessment; threat management; detection, avoidance, and mitigation of errors; instruction includes – pre-flight briefing, in-flight instruction, post-flight critique, oral examination.

Replacement information	This unit standard replaced unit standard 16329.
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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	18 June 2010	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.