

Title	Demonstrate competence for spinning flight instruction		
Level	6	Credits	5

Purpose	People credited with this unit standard are, for a flight instructor's spinning privilege, able to: carry out pre-flight briefing instruction on spinning; carry out in-flight instruction; carry out post flight debriefing instruction; demonstrate knowledge of spinning; and demonstrate knowledge of CAA Rules and Advisory Circulars with respect to spinning flight 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 or B flight instructor rating.

Explanatory notes

- 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 flight instructor's spinning privilege. 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, CAA Rules, CAA Advisory Circulars, CAA Flight Test Standards Guides, operator exposition.
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Outcomes and evidence requirements

Outcome 1

Carry out pre-flight briefing instruction for spinning.

Evidence requirements

- 1.1 Pre-flight briefing instruction is carried out in accordance with industry texts and standards.
- Range instruction may include but is not limited to – objectives, principles of flight and considerations, aircraft management, human factors, air exercise.
- 1.2 Ground instructional procedures are demonstrated in accordance with industry texts and standards.
- Range procedures may include but are limited to – pre-flight briefing delivery, questioning for understanding, use of teaching aids, blackboard and whiteboard technique.

Outcome 2

Carry out in-flight instruction for spinning.

Evidence requirements

- 2.1 In-flight instructional procedures are demonstrated in accordance with industry texts and standards.
- Range may include but is not limited to – demonstrate, demonstrate and pater, monitor student practice, identify and correct student faults, maintain situational awareness to ensure the safety of the aircraft and crew.
- 2.2 In-flight instructional procedures for spinning are demonstrated in accordance with industry texts and standards.
- Range may include but is not limited to – factors affecting spinning, entry, incipient spin, spin recovery.

Outcome 3

Carry out post-flight debriefing instruction on spinning.

Evidence requirements

- 3.1 Post-flight debriefing instruction is carried out in accordance with industry texts and standards.

Range may include but is not limited to – encouraging student self-critique, observations, anomalies, remedies, technique, evaluation, student records.

Outcome 4

Demonstrate knowledge of spinning.

Evidence requirements

- 4.1 Spinning is described in accordance with industry texts and standards.

Range may include but is not limited to – safe height, definition, causes, stages, characteristics, recovery techniques, incipient spin, spin from a turn, human factors, aircraft management.

Outcome 5

Demonstrate knowledge of CAA Rules and Advisory Circulars with respect to spinning flight instruction.

Evidence requirements

- 5.1 Privileges are explained in accordance with CAA Rules and Advisory Circulars.

Range may include but is not limited to – spinning instruction, authorising solo spinning flight, logbook certification, instructor renewal requirements.

- 5.2 Limitations are explained in accordance with CAA Rules and Advisory Circulars.

Range may include but is not limited to – spinning instruction, authorising solo spinning flight.

Replacement information	This unit standard replaced unit standard 16324.
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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

Process	Version	Date	Last Date for Assessment
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.