

<b>Title</b>	<b>Demonstrate competence for spinning flight instruction</b>		
<b>Level</b>	<b>6</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	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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<b>Classification</b>	Aviation > Aircraft Operation
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<b>Available grade</b>	Achieved
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### Guidance Information

- 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.
- 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.
- Definitions, abbreviations, and acronyms used in this unit standard are to be found in:
  - Civil Aviation Rules Part 1* on the CAA website at <https://www.caa.govt.nz>, and
  - 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>.
- All references to the CAA refer specifically to the Civil Aviation Authority of New Zealand.
- Industry standards and recommended practices are those set in place by the CAA.
- Industry texts may include but are not limited to – aircraft flight manuals, CAA Rules, CAA Advisory Circulars, CAA Flight Test Standards Guides, operator exposition.
- 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.

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## Outcomes and performance criteria

### Outcome 1

Carry out pre-flight briefing instruction for spinning.

#### Performance criteria

- 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.

#### Performance criteria

- 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 patter, 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.

**Performance criteria**

- 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.

**Performance criteria**

- 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.

**Performance criteria**

- 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.

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<b>Replacement information</b>	This unit standard replaced unit standard 16324.
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**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	18 June 2010	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>.