

Title	Demonstrate flying skills for the carriage of sling loads for a commercial pilot licence (helicopter)		
Level	5	Credits	6

Purpose	People credited with this unit standard are able, for a commercial pilot licence (helicopter): to demonstrate: sling load pre-flight checks and procedures; and helicopter sling load take-off and flying procedures.
----------------	---

Classification	Aviation > Aircraft Operation
-----------------------	-------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 The demonstration flight covered by this unit standard must be demonstrated in accordance with the Civil Aviation Rules Part 61,91 and 133, and other relevant rules, published by the Civil Aviation Authority of New Zealand (CAA), PO Box 3555, Wellington 6140, and their subsequent amendments.
- 2 Legislation relevant to this unit standard includes but is not limited to – Health and Safety at Work Act 2015.
- 3 This unit standard is aligned with the relevant parts of the prescribed syllabi of the CAA for a commercial pilot licence. Credit will be awarded on meeting the requirements of the CAA-approved assessment or examination.
- 4 The helicopter is to be at or near its maximum certificated take-off weight (MCTOW).
- 5 Sling is to be a minimum of 4 metres long.
- 6 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>.
- 7 All references to the CAA refer specifically to the Civil Aviation Authority of New Zealand.
- 8 Industry standards and recommended practices are those set in place by the CAA.
- 9 Industry texts may include but are not limited to – aircraft flight manuals, CAA Rules, CAA Advisory Circulars, CAA Flight Test Standards Guides, operator exposition.

- 10 Industry requirements are that the candidate must meet the eligibility requirements of the Civil Aviation Act 1990 and the Civil Aviation Rule Part 61 for a commercial pilot licence.

Outcomes and performance criteria

Outcome 1

Demonstrate sling load pre-flight checks and procedures for a commercial pilot licence (helicopter).

Performance criteria

- 1.1 Helicopter is positioned on the ground in accordance with industry texts and standards.
- 1.2 Helicopter weight and balance limitations in relation to the carriage of sling loads are identified and explained in accordance with the aircraft flight manual and industry standards.
- 1.3 Sling is attached to the hook in accordance with the aircraft flight manual and industry standards.
- 1.4 Risk to other parties is noted and appropriate measures to mitigate the risk are taken in accordance with industry texts and standards.
- 1.5 Pre-lift-off checks are carried out in accordance with the aircraft flight manual and industry standards.

Outcome 2

Demonstrate helicopter sling load take-off and flying procedures for a commercial pilot licence (helicopter).

Performance criteria

- 2.1 Lift-off using maximum engine operating RPM is demonstrated in accordance with the aircraft flight manual and industry standards.
- 2.2 Normal circuit and approach to hover is demonstrated in accordance with the aircraft flight manual and industry standards.

Range includes but is not limited to – maximum engine operating RPM on finals, over nominated spot, manual release.

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>.