

<b>Title</b>	<b>Demonstrate knowledge of meteorological effects on UAS (uninhabited aerial systems) and UAV operations</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>1</b>

<b>Purpose</b>	People credited with this unit standard are able to demonstrate knowledge of meteorological effects on UAS (uninhabited aerial systems) and UAV operations.
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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

- 1 Definition  
*UAS flight manual* refers to the manufacturer's printed instructions and recommendations applicable to the uninhabited aerial system (UAS).
- 2 The knowledge covered by this unit standard must be demonstrated in accordance with the Civil Aviation Rules Part 61 and other relevant rules, published by the Civil Aviation Authority (CAA) of New Zealand, PO Box 3555, Wellington 6140, or available at <http://www.caa.govt.nz>.
- 3 Industry standards and recommended practices are those recognised by the CAA.
- 4 Industry texts may include but are not limited to – aircraft flight manuals, CAA Rules, CAA Advisory Circulars, operator exposition.
- 5 For the purpose of this unit standard, *knowledge* refers to knowledge, understanding, and application of the subject matter.

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### Outcomes and performance criteria

#### Outcome 1

Demonstrate knowledge of meteorological effects on UAS (uninhabited aerial systems) and UAV operations.

#### Performance criteria

- 1.1 Adverse meteorological effects on uninhabited aerial systems are explained in accordance with industry texts and standards.

- 1.2 Suitable weather conditions for uninhabited aerial vehicle launch and recovery are described in accordance with industry texts and standards, and the UAS flight manual.
- 1.3 The effect of meteorological conditions on sensors is described and explained in accordance with industry texts and standards.

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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**Status information and last date for assessment for superseded versions**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 April 2013	31 December 2027
Review	2	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>.