

Title	Demonstrate knowledge of uninhabited aerial vehicle systems and payloads		
Level	4	Credits	2

Purpose	People credited with this unit standard are able, for uninhabited aerial vehicles, to demonstrate knowledge of: ground control stations (GCS); types, designs, and components; and generic payloads.
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Classification	Aviation > Aircraft Operation
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Available grade	Achieved
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Explanatory notes

- 1 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>.
- 2 Industry standards and recommended practices are those recognised by the CAA.
- 3 Industry texts may include but are not limited to – aircraft flight manuals, CAA Rules, CAA Advisory Circulars, operator exposition.
- 4 For the purpose of this unit standard, *knowledge* refers to knowledge, understanding, and application of the subject matter.

Outcomes and evidence requirements

Outcome 1

Demonstrate knowledge of uninhabited aerial vehicle ground control stations (GCS).

Evidence requirements

- 1.1 Uninhabited aerial vehicle ground control stations are described in accordance with industry texts and standards.

Range may include but is not limited to – basic GCS capabilities, peripheral components, support equipment, mission software tools, GCS configuration.

Outcome 2

Demonstrate knowledge of types, designs, and components of uninhabited aerial vehicles.

Evidence requirements

- 2.1 The types, designs, and components of uninhabited aerial vehicles are described and their principles of operation are explained in accordance with industry texts and standards.

Outcome 3

Demonstrate knowledge of generic payloads for uninhabited aerial vehicles.

Evidence requirements

- 3.1 Generic payloads are described in accordance with industry texts and standards.

Range may include but is not limited to – payload types, uses and effects of sensors, integration of uninhabited aerial vehicle and sensors.

Planned review date	31 December 2017
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 April 2013	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 the Service Skills Institute (ServiceIQ) qualifications@serviceiq.org.nz if you wish to suggest changes to the content of this unit standard.