

Title	Assemble, disassemble, and configure the airframe of an uninhabited aerial vehicle for flight		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to assemble, disassemble and configure the airframe of an uninhabited aerial vehicle for flight.
----------------	---

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

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

Explanatory notes

- 1 The uninhabited aerial systems (UAS) operations 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 This unit standard is applicable to a small UAV (uninhabited aerial vehicle) (Under 25 kg MTOW), for example the Kahu UAV or RQ-84Z AreoHawk UAV.

Outcomes and evidence requirements

Outcome 1

Assemble and disassemble the airframe of an uninhabited aerial vehicle.

Evidence requirements

- 1.1 Uninhabited aerial vehicle airframe is assembled pre-flight in accordance with industry texts and standards.
- 1.2 Uninhabited aerial vehicle airframe is disassembled post-flight in accordance with industry texts and standards.

Outcome 2

Configure the airframe of an uninhabited aerial vehicle for flight.

Evidence requirements

2.1 The airframe is configured ready for flight in accordance with industry texts and standards.

Range includes but is not limited to – parachute checks, variant propeller pitches, installation of sensors.

Planned review date	31 December 2017
----------------------------	------------------

Status information and last date for assessment for superseded versions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
--	------

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.