

Title	Demonstrate knowledge of large aircraft for fire and rescue operations and carry out emergency shut down procedures		
Level	3	Credits	6

Purpose	<p>This unit standard is for fire fighters who will be involved in fighting aircraft fires. It specifically applies to aircraft at Airport Category 6 or larger in size that use the fire fighter’s base airport.</p> <p>People credited with this unit standard are able to demonstrate knowledge of large aircraft features that relate to fire and rescue operations, and carry out emergency shut down procedures for large aircraft.</p>
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Classification	Fire and Rescue Services > Fire and Rescue Services - Airport
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Available grade	Achieved
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Explanatory notes

- 1 Compliance with the fire and rescue service provider’s Health and Safety policy and procedures is mandatory.
- 2 Assessment against this unit standard may take place under real or practical simulated conditions.
- 3 Definitions
Fire and rescue service provider’s requirements refer to policies and procedures on safety and operation set down by each fire and rescue service employer or host organisation.
Large aircraft refer to those at Airport Category 6 and above. A list of these aircraft can be found in the Civil Aviation Authority Advisory Circular 139-4, available at <http://www.caa.govt.nz>.

Outcomes and evidence requirements

Outcome 1

Demonstrate knowledge of large aircraft features that relate to fire and rescue operations.

Range three different types of large aircraft.

Evidence requirements

- 1.1 Aircraft components are identified and described in accordance with the fire and rescue service provider’s requirements.

Range engine types, fuselage, flight deck, fuel tank, hydraulic system, oxygen system, emergency slides and activating systems, fire protection or detection system.
- 1.2 The location and operation of aircraft emergency exits, cargo compartment doors and aircraft operating mechanisms are described in accordance with the fire and rescue service provider’s requirements.
- 1.3 Aircraft internal configurations are described in accordance with the fire and rescue service provider’s requirements.
- 1.4 The location of break-in points and fire access panels are described in accordance with the fire and rescue service provider’s requirements.
- 1.5 Potential hazards from the control surfaces of large aircraft are explained in accordance with the fire and rescue service provider’s requirements.

Range may include but is not limited to – ailerons, rudders, elevators, flaps, rotors.

Outcome 2

Carry out emergency shut down procedures for large aircraft.

Evidence requirements

- 2.1 Aircraft emergency shut down procedures are demonstrated in accordance with the fire and rescue service provider’s requirements.

Range engines, auxiliary power units, batteries.

Replacement information	This unit standard and unit standard 27287 replaced unit standard 3331.
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Planned review date	31 December 2014
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	17 June 2011	N/A

Consent and Moderation Requirements (CMR) reference	0039
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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, or an inter-institutional body with delegated authority for quality assurance, 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.

Consent requirements 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 Fire and Rescue Services Industry Training Organisation info@frsito.org.nz if you wish to suggest changes to the content of this unit standard.