

<b>Title</b>	<b>Demonstrate knowledge of aircraft hazards and hazardous systems for fire and rescue operations</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	<p>This unit standard is for aviation rescue fire fighters, and applies to those aircraft that use the aerodrome.</p> <p>People credited with this unit standard are able to demonstrate knowledge of:</p> <ul style="list-style-type: none"> <li>– hazards while working near and around aircraft; and</li> <li>– aircraft hazardous systems.</li> </ul>
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<b>Classification</b>	Fire and Rescue Services > Fire and Rescue Services - Airport
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<b>Available grade</b>	Achieved
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**Explanatory notes**

- 1 Consistency with the fire and rescue service provider’s Health and Safety policy and procedures and the Health and Safety at Work Act 2015 is mandatory.
- 2 Definition  
*Fire and rescue service provider’s requirements* refer to the policies and procedures on safety and operation set down by each fire and rescue service employer or host organisation.

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**Outcomes and evidence requirements**

**Outcome 1**

Demonstrate knowledge of hazards while working near and around aircraft.

**Evidence requirements**

- 1.1 Describe safe methods of approaching aircraft on foot and by vehicle in accordance with the fire and rescue service provider’s requirements.
- 1.2 Describe methods for avoiding hazards associated with particular components of aircraft in accordance with the fire and rescue service provider’s requirements.

Range            five of – engines, armaments, ammunition, ejector seats, propellers, engine intakes, rotors, wheel assemblies, auxiliary power units, construction materials, polymer composites, flight controls.

**Outcome 2**

Demonstrate knowledge of aircraft hazardous systems.

Range aircraft hazardous systems – hydraulic, electrical, oxygen, fuel, on-board fire suppression.

**Evidence requirements**

- 2.1 Describe international codings used to identify aircraft hazardous systems in accordance with the fire and rescue service provider's requirements.
- 2.2 Describe the risks relating to aircraft hazardous systems and identify the appropriate extinguishing agents or isolating methods in accordance with the fire and rescue service provider's requirements.

<b>Replacement information</b>	This unit standard replaced unit standard 3332 and unit standard 3333
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<b>Planned review date</b>	31 December 2021
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	25 March 2004	31 December 2013
Review	2	17 November 2011	31 December 2019
Review	3	16 June 2016	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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, 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 (CMRs). 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.

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**Comments on this unit standard**

Please contact The Skills Organisation at [reviewcomments@skills.org.nz](mailto:reviewcomments@skills.org.nz) if you wish to suggest changes to the content of this unit standard.