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**FIRE AND RESCUE SERVICES -  
AIRPORT**  
**Demonstrate knowledge of aircraft for  
fire and rescue operations**

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<b>level:</b>	<b>4</b>
<b>credit:</b>	<b>8</b>
<b>final date for comment:</b>	March 2008
<b>expiry date:</b>	December 2009
<b>sub-field:</b>	Fire and Rescue Services
<b>purpose:</b>	<p>This unit standard is for personnel who will be involved in fighting aircraft fires, and applies to those aircraft that use the person's base airport.</p> <p>People credited with this unit standard are able to demonstrate knowledge of features of aircraft that relate to fire and rescue operations, and describe aircraft emergency shut down procedures.</p>
<b>entry information:</b>	Open.
<b>accreditation option:</b>	Evaluation of documentation and visit by NZQA and industry.
<b>moderation option:</b>	A national moderation system of moderation networks has been established by the Fire and Rescue Services Industry Training Organisation.
<b>special notes:</b>	<ol style="list-style-type: none"><li>1 Compliance with the fire and rescue service provider's Health and Safety policy and procedures is mandatory.</li><li>2 The International Civil Aviation Organisation (ICAO) requirements referred to in this unit standard are contained in the ICAO Annex 14.</li></ol>

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- 3 To gain credit for this unit standard knowledge must be demonstrated for both fixed and rotary wing aircraft.

### **Elements and Performance Criteria**

#### **element 1**

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

Range: four different types of category 6 and above aircraft, four different types of category 5 or below aircraft, one rotary wing aircraft.

#### **performance criteria**

- 1.1 Aircraft components are identified and described in accordance with aircraft emergency rescue data.
- Range: engine types, fuselage, cockpit or flight deck, fuel, hydraulic system, oxygen system, emergency slides and activating systems, fire protection or detection system.
- 1.2 The location and operation of emergency exits, cargo compartment doors and operating mechanisms of aircraft are described in accordance with the aircraft emergency rescue data.
- 1.3 Internal configurations are described in accordance with aircraft emergency rescue data.
- 1.4 Aircraft control surfaces are explained in relation to the fire and rescue service provider's operations.

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**element 2**

Describe aircraft emergency shut down procedures.

**performance criteria**

- 2.1 Emergency shut down procedures for engines, auxiliary power units and batteries are described in accordance with the aircraft emergency rescue data.

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**Comments on this unit standard**

Please contact the Fire and Rescue Services Industry Training Organisation [info@frsito.org.nz](mailto:info@frsito.org.nz) if you wish to suggest changes to the content of this unit standard.

**Please Note**

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0039 which can be accessed at <http://www.nzqa.govt.nz/site/framework/search.html>.