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

level:	4
credit:	4
final date for comment:	March 2008
expiry date:	December 2009
sub-field:	Fire and Rescue Services
replacement information:	This unit standard replaced unit standard 3332 and unit standard 3333.
purpose:	<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 hazards while working near and around aircraft, and demonstrate knowledge of aircrafts' hazardous systems.</p>
entry information:	Open.
accreditation option:	Evaluation of documentation and visit by NZQA and industry.
moderation option:	A national moderation system of moderation networks has been established by the Fire and Rescue Services Industry Training Organisation.
special notes:	1 Compliance with the fire and rescue service provider's Health and Safety policy and procedures is mandatory.

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- 2 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 hazards while working near and around aircraft.

performance criteria

- 1.1 Safe methods of approaching aircraft on foot and by vehicle are described in accordance with the requirements of the fire and rescue service provider.
- 1.2 Methods of avoiding hazards associated with particular parts of aircraft are described in accordance with the requirements of the fire and rescue service provider.

Range: must assess five of the following: engines, armaments, ammunition, ejector seats, propellers and rotors, wheel assemblies, auxiliary power units, construction materials.

element 2

Demonstrate knowledge of aircraft's hazardous systems.

Range: hydraulic, oxygen and fuel systems.

performance criteria

- 2.1 The identification of aircraft systems by international coding is described in accordance with the requirements of the fire and rescue service provider.
- 2.2 The hazards posed by each aircraft system are described and the appropriate extinguishing agent identified in accordance with aircraft rescue manuals.

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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.

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>.