
**FIRE AND RESCUE SERVICES -
AIRPORT**
**Command aircraft fire and rescue
operations**

level:	6
credit:	10
final date for comment:	March 2008
expiry date:	December 2009
sub-field:	Fire and Rescue Services
purpose:	<p>The unit standard is for people who will be fulfilling the role of the first arriving incident controller at an aircraft fire.</p> <p>People credited with this unit standard are able to: demonstrate knowledge of the initial incident controller's obligations in relation to the statutory requirements; carry out an analysis of the incident and take emergency action; develop an incident action plan; implement the incident action plan; ensure stability of incident site; and complete briefings and reports of the incident.</p>
entry information:	<p>Prerequisites: Unit 3327, <i>Lead entry team in an aircraft incident</i>; Unit 3331, <i>Demonstrate knowledge of aircraft for fire and rescue operations</i>; Unit 20389, <i>Respond to and fight external aircraft fire</i>; Unit 20390, <i>Carry out internal aircraft firefighting and rescue</i>; and Unit 20391, <i>Demonstrate knowledge of aircraft hazards and hazardous systems for fire and rescue operations</i>; or demonstrate equivalent knowledge and skills.</p>
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.

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- special 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 The International Civil Aviation Organisation (ICAO) recommendations referred to in performance criterion 1.1 are contained in *Airport Services Manual, Part 1: Rescue and Fire Fighting*, and in ICAO Annex 14. The civil aviation rules referred to in performance criterion 1.2 are contained in CAR 139 and AC 139.04 that are published by the Civil Aviation Authority.

Elements and Performance Criteria

element 1

Demonstrate knowledge of the initial incident controller's obligations in relation to the statutory requirements.

performance criteria

- 1.1 ICAO recommendations are explained in terms of the principles of aircraft fire fighting.
- 1.2 CAA rules are explained in terms of aircraft fire fighting resource requirements.
- 1.3 Standard Operating Procedures (SOPs) are explained in accordance with the fire and rescue service provider's requirements or airport emergency plan (AEP).

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element 2

Carry out an analysis of the incident and take emergency action.

performance criteria

2.1 The incident is assessed in accordance with the requirements of the rescue and fire service provider.

Range: incident - type, extent;
risks - life, property, fire spread, incident escalation.

2.2 Critical actions to minimise loss are taken in accordance with the requirements of the rescue and fire service provider.

Range: life, property, fire spread, incident escalation.

element 3

Develop an incident action plan.

performance criteria

3.1 The fire attack options are identified and considered in accordance with the requirements of the fire and rescue service provider.

3.2 Resources required to contain the fire are identified in accordance with the requirements of the fire and rescue service provider.

Range: personnel, equipment, communications, support, time required, suppression productivity rates.

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- 3.3 Factors that may alter the incident action plan are considered in accordance with the requirements of the fire and rescue service provider.
- 3.4 The incident action plan is developed in accordance with the requirements of the fire and rescue service provider.

element 4

Implement an incident action plan.

performance criteria

- 4.1 Incident command point is established and managed to allow initial on scene command duties to be performed as per the Aerodrome Emergency Plan.
- 4.2 The incident action plan is implemented in accordance with the requirements of the fire and rescue service provider.
- Range: safety briefings, allocation of tasks to crew leaders, communications, maintenance of resources, monitoring fire behaviour, protecting escape paths, monitoring crew performance, obtaining other fire suppression resources.
- 4.3 The incident action plan is reviewed and revised in accordance with the requirements of the fire and rescue service provider.
- Range: fire suppression, fire containment, resources, and communications.

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element 5

Ensure stability of incident site.

performance criteria

- 5.1 Incident resources are deployed in accordance with the requirements of the fire and rescue service provider.
- Range: re-ignition, welfare of survivors;
aircraft - cargoes, systems, materials.
- 5.2 Additional resources are identified and obtained to maintain site stability in accordance with the requirements of the fire and rescue service provider.

element 6

Complete briefings and reports of the incident.

performance criteria

- 6.1 Briefing of teams and handover requirements are completed in accordance with the SOPs.
- 6.2 Reports are completed and debriefings conducted in accordance with the requirements of the fire and rescue service provider.
- Range: internal, and external agencies.

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.

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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>.