

Title	Supervise aerial fire suppression operations at vegetation fires		
Level	5	Credits	5

Purpose	<p>This unit standard is for fire and rescue personnel who are required to supervise aerial fire fighting operations in a Sector Supervisor role or higher.</p> <p>People credited with this unit standard are able to: plan aerial fire suppression strategy and tactics for vegetation fire fighting operations; direct aerial fire suppression operations for vegetation fire fighting operations; and monitor and communicate the effectiveness of aerial fire suppression operations for vegetation fire fighting operations.</p>
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Classification	Fire and Rescue Services > Fire and Rescue Services - Vegetation
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Available grade	Achieved
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Entry information	
Critical health and safety prerequisites	Unit 3293, <i>Lead ground support for air operations at vegetation fires</i> ; and Unit 14564, <i>Demonstrate knowledge of the fire environment on vegetation fire behaviour</i> ; or demonstrate equivalent knowledge and skills.

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.
Incident Action Plan (IAP) is a statement of the objectives, strategies, and critical functions to be taken at the incident.

Outcomes and evidence requirements

Outcome 1

Plan aerial fire suppression strategy and tactics for vegetation fire fighting operations.

Evidence requirements

- 1.1 Aerial attack needs are assessed in terms of the situation and in accordance with the fire and rescue service provider's requirements.
- Range values threatened, fire fighter safety, fire behaviour, aircraft safety, communications.
- 1.2 Tactics for aerial attack are developed with regard to the situation and the IAP.
- Range flying conditions, fire behaviour, resource availability, aircraft safety.
- 1.3 Selection of aircraft loading sites enables the achievement of the fire suppression objectives in accordance with the IAP.
- Range turn around times, water supply, access.

Outcome 2

Direct aerial fire suppression operations for vegetation fire fighting operations.

Evidence requirements

- 2.1 Coordination of support services and materials enables continuity of operation in accordance with the incident objectives.
- Range personnel, fuels, water, additives, servicing, transport, communications.
- 2.2 Briefing of pilots and ground personnel provides information on tactics and the fire suppression objectives in accordance with the IAP.
- 2.3 Resource requirements for operations are monitored in accordance with the IAP.
- Range aircraft, fuels, water, additives, support equipment, personnel.
- 2.4 Coordination of air and ground activities promotes personnel safety in accordance with the IAP.
- 2.5 Activities are recorded in accordance with the fire and rescue service provider's requirements.

Outcome 3

Monitor and communicate the effectiveness of aerial fire suppression operations for vegetation fire fighting operations.

Evidence requirements

3.1 Aerial fire suppression operations are evaluated in relation to the economic use of other suppression measures.

Range fire containment, fire behaviour, values threatened.

3.2 Communications are maintained with incident personnel for the duration of the operation in accordance with the IAP.

3.3 Weather conditions and fire behaviour are monitored in accordance with the fire and rescue service provider's requirements.

3.4 Information on current and predicted situation is communicated to incident management in accordance with the IAP.

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	30 April 1998	31 December 2013
Review	2	25 March 2004	31 December 2013
Revision	3	20 November 2006	31 December 2013
Review	4	17 September 2010	N/A

Accreditation and Moderation Action Plan (AMAP) reference	0039
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This AMAP 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 Accreditation and Moderation Action Plan (AMAP). The AMAP 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.