



Fire & Rescue Services ITO

Assessor Assessment Guide
Unit Standard 20390
Carry out internal aircraft fire fighting
and rescue
(Level 4, Credit 4, Version 1)

In order to achieve competency in this unit standard a candidate must display an understanding of the knowledge components by completing an oral or written assessment and practically demonstrate the performances required to carry out internal aircraft fire fighting and rescue.

This assessment may take place at a real fire where defensive control is employed or at a simulated practical event.

The assessor may elect to question candidates during completion of the practical assessment to ensure theoretical knowledge can be applied during practice. This technique also provides the assessor with reinforcement that knowledge has been retained.

Where a candidate is being assessed on the basis of a RCC process evidence must be produced that indicates a candidate has successfully directed operations at a defensively controlled fire at both structure and vehicle fires in a safe manner without causing avoidable environmental or equipment damage.

Assessors may use this guide to record evidence of a candidates overall performance but should be aware that this may not, on its own be an adequate record for moderation purposes without appropriate notes or appendices. Notes should include a summary of the process used and a statement about the quality of the candidate's performance.

ASSESSORS SHOULD ALWAYS REVIEW THE REQUIREMENTS CONTAINED IN THE UNIT STANDARD DOCUMENT PRIOR TO CONDUCTING ASSESSMENTS

For this unit the following resources are available from FRSITO to assist Learners, Instructors and Assessors:

- Assessor Assessment Guide
- Learner Assessment Guide

Assessors General Notes:

Candidates must hold prerequisites:

Unit 3331, *Demonstrate knowledge of aircraft for fire and rescue operations;*
Unit 20391, *Demonstrate knowledge of aircraft and the hazards for fire and rescue operations;*
Unit 20395, *Wear and operate breathing apparatus in specialist emergencies;*
or demonstrate equivalent knowledge and skills.

Assessor Name	_____	Assessor No.	_____
Candidate Name	_____	NZQA No.	_____
Date of Assessment	_____	Final Result	_____

Level Descriptor

Level	Process	Employing	Responsibility
4	Carrying out processes that: <ul style="list-style-type: none"> Require a wide range of scholastic skills Offer a considerable choice of procedures Are employed in a variety of familiar and unfamiliar contexts 	Employing: <ul style="list-style-type: none"> A broad knowledge base incorporating some theoretical concepts Analytical interpretation of information Informed judgement A range of sometimes innovative responses to concrete but often unfamiliar problems 	Applied: <ul style="list-style-type: none"> In directed activity Under broad guidance and evaluation With complete responsibility for the quantity and quality of output With possible responsibility for the quantity and quality of the output of others

	Information or actions that may provide support for competency	
General	Has the candidate: <ul style="list-style-type: none"> <input type="checkbox"/> Completed Unit Standards 3331, 20391, 20395? <input type="checkbox"/> Satisfactorily completed a pre-course self test? <input type="checkbox"/> Completed all prerequisite unit standards? <input type="checkbox"/> Satisfactorily completed an oral or written on course or post knowledge assessment? <input type="checkbox"/> Satisfactorily completed simulation exercises? <input type="checkbox"/> Attend a course covering the Unit Standard subject matter? <input type="checkbox"/> Provided proof of experience through records? <input type="checkbox"/> Practically demonstrated in a practical scenario? <input type="checkbox"/> Other (please list)? <hr/> <hr/>	Assessor Notes:

Element and PC	Evidence Typical answer/product/performance expected from the learner/candidate(s)	Judgement Statement (A statement that defines the standard to be achieved)	Result C/NYC
1	Prepare and affect entry into aircraft in an emergency.		
1.1	The candidate determines type and extent of fire in accordance with the requirements of the fire and rescue service provider. Range: <ul style="list-style-type: none"> <input type="checkbox"/> smouldering <input type="checkbox"/> fully developed <input type="checkbox"/> contained <input type="checkbox"/> vented <input type="checkbox"/> fuel fed Did the candidate: <ul style="list-style-type: none"> <input type="checkbox"/> Satisfy the requirements of the range? Assessor notes:	Type and extent of fire is determined in accordance with the requirements of the fire and rescue service provider.	

Element and PC	Evidence Typical answer/product/performance expected from the learner/candidate(s)	Judgement Statement (A statement that defines the standard to be achieved)	Result C/NYC
1.2	<p>The candidate briefs the crew in accordance with the requirements of the fire and rescue service provider.</p> <p>Range:</p> <ul style="list-style-type: none"> <input type="checkbox"/> purpose of entry <input type="checkbox"/> tasks <input type="checkbox"/> responsibilities <input type="checkbox"/> entry point <input type="checkbox"/> entry procedures <input type="checkbox"/> equipment required <input type="checkbox"/> escape routes <input type="checkbox"/> safety procedures <p>Did the candidate:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Satisfy the requirements of the range? <p>Assessor notes:</p>	<p>Crew is briefed in accordance with the requirements of the fire and rescue service provider.</p>	
1.3	<p>The candidate ensures crew is attired and equipped in accordance with the requirements of the fire and rescue service provider.</p> <p>Range:</p> <ul style="list-style-type: none"> <input type="checkbox"/> personal protective equipment <input type="checkbox"/> breathing apparatus <input type="checkbox"/> fire fighting equipment <input type="checkbox"/> rescue equipment <p>Did the candidate:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Satisfy the requirements of the range? <p>Assessor notes:</p>	<p>Crew is attired and equipped in accordance with the requirements of the fire and rescue service provider.</p>	

Element and PC	Evidence Typical answer/product/performance expected from the learner/candidate(s)	Judgement Statement (A statement that defines the standard to be achieved)	Result C/NYC
<p>2</p> <p>2.1</p>	<p>Fight aircraft fire and carry out rescues.</p> <p>The candidate selects extinguishing agent and applies to extinguish the fire and provide survivable conditions in accordance with the requirements of the fire and rescue service provider.</p> <p>Did the candidate:</p> <p><input type="checkbox"/> Select extinguishing agents?</p> <p>Assessor notes:</p>	<p>Extinguishing agent is selected and applied to extinguish the fire and provide survivable conditions in accordance with the requirements of the fire and rescue service provider.</p>	
<p>2.2</p>	<p>The candidate ensures operations conform to the requirements of the fire and rescue service provider.</p> <p>Range:</p> <p><input type="checkbox"/> fire suppression <input type="checkbox"/> ventilation <input type="checkbox"/> rescue</p> <p>Did the candidate:</p> <p><input type="checkbox"/> Satisfy the requirements of the range?</p> <p>Assessor notes:</p>	<p>Operations conform to the requirements of the fire and rescue service provider.</p>	

Element and PC	Evidence Typical answer/product/performance expected from the learner/candidate(s)	Judgement Statement (A statement that defines the standard to be achieved)	Result C/NYC
3	Stabilise the situation within the aircraft.		
3.1	<p>The candidate ensures re-ignition is prevented in accordance with the requirements of the fire and rescue service provider.</p> <p>Range:</p> <ul style="list-style-type: none"> <input type="checkbox"/> cooling hot spots <input type="checkbox"/> maintenance of foam blankets <input type="checkbox"/> isolation of ignition sources <p>Did the candidate:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Satisfy the requirements of the range? <p>Assessor notes:</p>	<p>Re-ignition is prevented in accordance with the requirements of the fire and rescue service provider.</p>	
3.2	<p>The candidate ensures potential hazards are identified and mitigated in accordance with the requirements of the fire and rescue service provider.</p> <p>Did the candidate:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Identify hazards and mitigating factors? <p>Assessor notes:</p>	<p>Potential hazards are identified and mitigated in accordance with the requirements of the fire and rescue service provider.</p>	