



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

**Level Descriptor**

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

**Descriptors:**

Credit 4 - will require approximately 40 - 48 hours of learning, practice or experience and assessment for a person with no previous knowledge or experience.

Version 1 - This document has been prepared based on version 1 of the Unit Standard.

**Elements:**

1. Prepare and affect entry into aircraft in an emergency.
2. Fight aircraft fire and carry out rescues.
3. Stabilise the situation within the aircraft.

**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*; and Unit 20395, *Wear and operate breathing apparatus in specialist emergencies*; or demonstrate equivalent knowledge and skills.

**Assessment Conditions:**

Assessment against this unit standard may take place under real or practical simulated conditions.

**Special Notes:**

Compliance with the providers Health and Safety policy and procedures in mandatory.

## **Assessment Brief Instructions:**

### **Assessing Element 1: Prepare and affect entry into aircraft in an emergency**

The candidate ensures type and extent of fire is determined in accordance with the requirements of the fire and rescue service provider. This includes:

- smouldering
- fully developed
- contained
- vented
- fuel fed

The candidate ensures crew is briefed in accordance with the requirements of the fire and rescue service provider. This includes:

- purpose of entry
- tasks
- responsibilities
- entry point
- entry procedures
- equipment required
- escape routes
- safety procedures

The candidate ensures crew is attired and equipped in accordance with the requirements of the fire and rescue service provider. This includes:

- personal protective equipment
- breathing apparatus
- fire fighting equipment
- rescue equipment

### **Assessing Element 2: Fight aircraft fire and carry out rescues**

The candidate ensures 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.

The candidate ensures operations conform to the requirements of the fire and rescue service provider. This includes:

- fire suppression
- ventilation
- rescue

### **Assessing Element 3: Stabilise the situation within the aircraft**

The candidate ensures re-ignition is prevented in accordance with the requirements of the fire and rescue service provider.

- cooling hot spots
- maintenance of foam blankets
- isolation of ignition sources

The candidate ensures potential hazards are identified and mitigated in accordance with the requirements of the fire and rescue service provider.