

# PPLAOG61 SQA Unit Code (H9FK 04)

## Respond to fire and rescue incidents at an airport



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### Overview

This unit is about airport staff responding to fire or rescue incidents in an airport environment. You must be able to understand the possible risks throughout the airport including the ramp area. You must be able to understand your own personal responsibilities and capabilities.

This unit consists of four elements:

1. Maintain operational readiness
2. Save and preserve endangered life at aircraft incidents
3. Control and extinguish fire at aircraft incidents
4. Test and maintain operational equipment and resources

This unit is for everyone who works on an airport or has responsibility for responding to fire and rescue incidents at an airfield.

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### Performance criteria

*You must be able to:*

#### **Maintain operational readiness**

- P1 receive and interpret information to pinpoint where an incident has occurred within the airport boundaries
- P2 give directions for the quickest way to get to an incident location
- P3 receive and interpret information from relevant sources using relevant systems; communicate with appropriate internal and external sources using appropriate systems
- P4 assess the requirement/s for personal and operational equipment for use in an incident
- P5 complete documents and records in line with your organisation's procedures

*You must be able to:*

#### **Save and preserve endangered life at aircraft incidents**

- P6 receive information and clearly understand your objectives and the associated risks
- P7 prioritise your actions to meet the urgency of the individual's condition or threat to life
- P8 take action to minimise the risks, actual and potential, to yourself and others
- P9 select and use equipment according to the risks and the need/s of the rescue
- P10 ensure that casualties are moved to a place of safety whilst minimising further injury and stress
- P11 administer treatment to minimise further injury and suffering during the rescue within your level of expertise
- P12 ensure that treatment outside your area of expertise is communicated to the relevant people
- P13 reassure casualties in a calm and considerate manner
- P14 communicate and liaise with other agencies involved in the rescue in a manner that is co-operative and relevant to the rescue
- P15 apply the principles of risk assessment during the rescue process
- P16 return personal and operational resources to their correct location
- P17 report any defects on personal and operational resources in line with your organisation's procedures
- P18 complete records and reports in line with your organisation's procedures

*You must be able to:*

#### **Control and extinguish fire at aircraft incidents**

- P19 receive information and clearly understand your objectives and the associated risks
- P20 select and use equipment according to the risks and objectives
- P21 use your equipment and extinguishing equipment within its limitations and capabilities to meet the needs of the incident and the known and

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anticipated risks

- P22 identify the extent, nature and location of the incident and report this in line with your organisation's procedures
- P23 apply the principles of risk assessment during your involvement with the incident
- P24 maintain access and way out for yourself and others
- P25 complete records and reports in line with your organisation's procedures

*You must be able to:*

#### **Test and maintain operational equipment and resources**

- P26 identify items of personal or operational equipment for testing and plan to meet the agreed schedules and operational demands
- P27 risk assess the work area to be used for conducting fit for purpose test
- P28 complete all tests in line with your organisation's procedures
- P29 take action to report defects or deficiencies in line with your organisation's procedures
- P30 mark defective items and place them in the correct location in line with your organisation's procedures
- P31 return item/s that were successfully tested in their correct location ready for immediate operational use
- P32 return test and support equipment used during the test process to the correct location and ready to be used again
- P33 check supplies of consumables against specified levels and action replenishment, if required, in line with your organisation's procedures
- P34 update test records in line with your organisation's procedures

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### Knowledge and understanding

*You need to know and understand:*

#### **Maintain operational readiness**

- K1 your airport's emergency procedures
- K2 the topography of the airport, its runways, taxiways and other operational areas and the quickest methods of getting to any part of the site
- K3 airport driving regulations
- K4 capabilities and limitations of operational and personal equipment that you are authorised to operate
- K5 your Airport's Fire and Rescue response structure and your role and responsibilities within that structure
- K6 roles, responsibilities and limits of authority of yourself, others within your organisation and other agencies/organisations
- K7 lines of communication within your organisation
- K8 systems and methods of communication within your organisation
- K9 how to treat colleagues and others with respect and consideration, taking account of, and accepting diversity and the stresses that you and others can be under
- K10 the hazards and risks of the workplace affecting yourself, others and the environment
- K11 Initial Emergency Medical Aid (IEMA) and casualty handling
- K12 relevant rescue techniques
- K13 relevant casualty treatment procedures

*You need to know and understand:*

#### **Save and preserve endangered life at aircraft incidents**

- K14 the hazards and risks of the workplace affecting yourself, others and the environment
- K15 how to make and apply decisions based on the assessment of risk
- K16 how to apply practices that maximise the health and safety of yourself and others
- K17 how to communicate clearly and effectively with a range of people
- K18 roles, responsibilities and limits of authority of yourself, others within your organisation and other agencies/organisations
- K19 lines of communication within your organisation
- K20 systems and methods of communication within your organisation
- K21 capabilities and limitations of operational and personal equipment that you are authorised to operate
- K22 how to select and use personal and operational equipment
- K23 Initial Emergency Medical Aid (IEMA) and casualty handling
- K24 how to identify places of safety at an incident site
- K25 how to recognise and support distressed people
- K26 how to prioritise casualties and when and how to apply immediate casualty handling techniques

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- K27 relevant rescue techniques
- K28 relevant casualty treatment procedures

*You need to know and understand:*

### **Control and extinguish fire at aircraft incidents**

- K29 the hazards and risks of the workplace affecting yourself, others and the environment
- K30 how to make and apply decisions based on the assessment of risk
- K31 how to apply practices that maximise the health and safety of yourself and others
- K32 how to communicate clearly and effectively with a range of people
- K33 roles, responsibilities and limits of authority of yourself, others within your organisation and other agencies/organisations
- K34 lines of communication within your organisation
- K35 systems and methods of communication within your organisation
- K36 capabilities and limitations of operational and personal equipment that you are authorised to operate
- K37 how to select and use personal and operational equipment
- K38 causes, effects and behaviours of fire
- K39 methods of controlling and extinguishing fire
- K40 records and reports, requirements and methods

*You need to know and understand:*

### **Test and maintain operational equipment and resources**

- K41 the hazards and risks of the workplace affecting yourself, others and the environment
- K42 how to make and apply decisions based on the assessment of risk
- K43 how to apply practices that maximise the health and safety of yourself and others
- K44 how to communicate clearly and effectively with a range of people
- K45 roles, responsibilities and limits of authority of yourself, others within your organisation and other agencies/organisations
- K46 lines of communication within your organisation
- K47 systems and methods of communication within your organisation
- K48 capabilities and limitations of operational and personal equipment that you are authorised to operate
- K49 how to select and use personal and operational equipment
- K50 how to maintain personal and operational resources
- K51 how and where to source relevant information relating to the maintenance of personal and operational equipment
- K52 your organisation's schedule of testing and maintaining personal and operational equipment
- K53 records and reports, requirements and methods

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### Additional Information

#### Glossary

**CAP**

Civil Aviation Publication

**CAA**

Civil Aviation Authority

**IEMA**

Initial Emergency Medical Aid

#### Links to other NOS

This unit complements:

PPLAOG01 Recognise airside hazards and minimise risks

#### Further information

The most up to date CAA regulations can be found on the CAA website at [www.caa.co.uk](http://www.caa.co.uk)

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