



Australian Government

AVIF0042 Respond to abnormal and emergency situations in an aircraft

Release: 1

AVIF0042 Respond to abnormal and emergency situations in an aircraft

Modification History

Release 1. This is the first release of this unit of competency in the AVI Aviation Training Package.

Application

This unit involves the skills and knowledge required to respond to abnormal and emergency situations in an aircraft in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes responding to a medical emergency during a flight, responding to adverse weather and/or flying conditions, and responding to an abnormal or emergency aircraft situation. It also includes assisting in evacuating an aircraft, responding to fire on board an aircraft, and completing required documentation for an abnormal or emergency incident.

This unit addresses aviation non-technical skill requirements (mental, social and personal-management abilities) related to safety management duties of flight operations personnel and contributes to safe and effective performance in complex aviation operational environments.

Operations are conducted as part of recreational, commercial and military aircraft activities across a variety of operational contexts within the Australian aviation industry.

Work is performed independently or under limited supervision within a single-pilot or multi-crew environment.

Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Pre-requisite Unit

Not applicable.

Competency Field

F – Safety Management

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Respond to a medical emergency during a flight

- 1.1** Illness or injury among passengers or crew is identified in accordance with workplace procedures
- 1.2** Identified illness or injury is reported to pilot in command (PIC) and/or a senior crew member, and appropriate action is taken in accordance with workplace procedures
- 1.3** Directions of senior crew members are followed in accordance with workplace procedures
- 1.4** Appropriate first aid response is assessed and applied when medical circumstances demand
- 1.5** Medical assistance is sought from among other crew members and passengers, if necessary, in accordance with workplace procedures
- 1.6** Medilink and other means of remote medical advice and assistance are accessed, as required, in accordance with workplace procedures

2 Respond to adverse weather and/or flying conditions

- 2.1** Directions of PIC and/or senior crew members are followed in adverse weather and/or flying conditions or turbulence
- 2.2** Hazards are identified, risks are assessed and control measures implemented
- 2.3** Passengers are advised to adopt safe seating positions and to take required precautions in accordance with workplace procedures and regulatory requirements
- 2.4** Passengers are assisted and reassured during adverse conditions, as required
- 2.5** Appropriate personal response actions are taken in response to perceived hazardous situations in accordance with crew resource management (CRM) principles

- 2.6** Communication is maintained with passengers and other aircrew members during abnormal conditions
- 2.7** Personal initiative and experience are utilised in securing self and equipment in turbulence
- 3 Respond to abnormal or emergency aircraft situations**
- 3.1** Directions of senior crew members are followed in an abnormal or emergency situation
- 3.2** Appropriate personal response actions are taken in response to abnormal or emergency situations
- 3.3** Emergency procedures are implemented in accordance with regulatory requirements, consistent with the nature of the emergency
- 3.4** Passengers are assisted and reassured during an emergency as required
- 3.5** Communication is maintained with passengers and other flight members during an emergency
- 4 Assist in evacuating an aircraft**
- 4.1** Directions of senior crew members are followed in aircraft evacuation
- 4.2** Evacuation procedures are implemented in accordance with workplace and regulatory requirements
- 4.3** Passengers are appropriately assisted and reassured during evacuation process as required
- 4.4** Communication is maintained with passengers and other aircrew members during evacuation
- 5 Respond to fire on board an aircraft**
- 5.1** Appropriate fire protection procedures are implemented in accordance with workplace and regulatory requirements
- 5.2** Relevant regulatory and workplace fire emergency procedures are followed in a fire
- 5.3** Directions of senior crew members are followed in an aircraft fire
- 5.4** Appropriate passenger support and assistance is provided during a fire emergency
- 5.5** Communication is maintained with passengers and other

aircrew members during a fire emergency

6 Complete required documentation for an abnormal or emergency incident

- 6.1** Abnormal or emergency cabin service incidents are identified and interpreted in accordance with workplace reporting procedures
- 6.2** All required aircraft documentation relevant to an abnormal or emergency cabin service incident is completed and processed in accordance with workplace requirements including requirements for work health and safety (WHS)/occupational health and safety (OHS) and/or safety incident reports

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit Mapping Information

This unit replaces and is equivalent to AVIF3006 Respond to abnormal and emergency situations in an aircraft.

Links

AVI Training Package Companion Volume Implementation Guide available on VET Net: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>