



Australian Government

**Assessment Requirements for AVIF0042
Respond to abnormal and emergency
situations in an aircraft**

Release: 1

Assessment Requirements for 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.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least one occasion and include:

- adapting to differences in equipment and operating environment in accordance with standard operating procedures (SOPs)
- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant legislation and workplace procedures
- communicating effectively with others
- completing relevant documentation
- identifying and correctly using relevant equipment
- implementing aircraft fire response procedures, including:
 - fire prevention and protection procedures
 - basic fire drill
 - cabin crew fire response procedures during flight
 - cabin crew fire response procedures when aircraft is on the ground
- implementing appropriate procedures in abnormal and emergency situations, including:
 - aircraft ditching
 - aircraft engine or equipment malfunction or failure
 - aircraft instrument malfunction or failure
 - aircraft low fuel quantity emergency
 - cabin depressurisation
 - disruptive passenger behaviour
 - emergency landing
 - explosion or fire in cabin
 - hazardous problems with aircraft air conditioning systems
 - injury to passenger or crew
 - passenger or crew illness
 - security threat on board aircraft
 - severe air turbulence
 - unlawful interference with aviation

- implementing evacuation procedures, including:
 - day or night evacuations
 - ditching in water, including both prepared and unprepared
 - emergency exit from aircraft by any available means
 - emergency landing, including both prepared and unprepared
 - precautionary evacuation
 - raft management
 - search and rescue
 - slide descents
- implementing contingency plans
- implementing work health and safety (WHS) procedures and relevant regulations
- modifying activities depending on workplace contingencies, situations and environments
- monitoring and anticipating operational problems and hazards and taking appropriate action
- monitoring work activities in terms of planned schedule
- operating electronic communications equipment to required protocol
- reading, interpreting and following relevant instructions, regulations, procedures, information and signs
- reporting and/or rectifying problems, faults or malfunctions promptly in accordance workplace procedures
- responding appropriately to cultural differences in the workplace
- selecting and using required personal protective equipment (PPE) conforming to industry and WHS standards
- working collaboratively with others
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- abnormal and emergency response actions related to individual role for:
 - aircraft ditching
 - aircraft engine or equipment malfunction or failure
 - aircraft instrument malfunction or failure
 - aircraft low fuel quantity emergency
 - cabin depressurisation
 - disruptive passenger behaviour
 - emergency landing
 - explosion or fire in cabin
 - hazardous problems with aircraft air conditioning systems

- injury to passenger or crew
- passenger or crew illness
- security threat on board aircraft
- severe air turbulence
- unlawful interference with aviation
- aviation administrative procedures
- aviation operational procedures for responding to an abnormal or emergency situation on an aircraft, including fire response and aircraft evacuation
- cabin emergency features and equipment for various types of aircraft
- crew resource management (CRM) principles
- problems that may occur during abnormal and emergency situations on an aircraft and appropriate action that should be taken in each case
- relevant WHS/OHS, environmental protection procedures and regulations
- relevant sections of Civil Aviation Safety Regulations (CASRs) and Civil Aviation Orders related to aircraft emergency procedures
- risks that exist during abnormal and emergency situations on an aircraft and related risk control procedures and precautions
- safety demonstration procedures
- workplace procedures, including:
 - aircraft refuelling with passengers on board
 - cabin preparation
 - door procedures
 - emergency procedures
 - equipment stowage
 - excess carry-on baggage
 - onboard safety
 - precautions during abnormal weather/flying conditions
 - pre-flight passenger briefing
 - security procedures
 - smoking regulations briefing
 - take-off and landing.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace

conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- acceptable means of simulation assessment
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment (PPE) currently used in industry.

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>