![Australian Government](Australian Government logo with Commonwealth Coat of Arms)

Assessment Requirements for AVIF3005 Maintain the safety of people and aircraft

Release: 1

Assessment Requirements for AVIF3005 Maintain the safety of people and 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
- 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 inflight emergency response procedures for:
  - aborted take-off
  - aircraft collision
  - aircraft ditching
  - cabin depressurisation
  - disruptive passenger behaviour
  - emergency landing
  - explosion or fire on aircraft
  - illness or injury of passenger/s or crew
  - loss of aircraft power
  - malfunctioning aircraft equipment
  - severe air turbulence
  - smoke/fire in cabin
  - unlawful interference with aviation
- implementing contingency plans
- implementing work health and safety (WHS)/occupational health and safety (OHS) 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 and malfunctions promptly, in accordance with workplace procedures
- responding appropriately to cultural differences in the workplace
- selecting and using required personal protective equipment conforming to industry and WHS/OHS 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:

- aviation operations, and regulatory standards and procedures for maintaining safety requirements during aircraft cabin operations
- basic knowledge of aviation medicine, the atmosphere and hypoxia
- cabin features, safety equipment and amenities for various types of aircraft:
  - aircraft intercom and communications equipment
  - defibrillator
  - escape devices
  - emergency lighting equipment
  - first aid kit and equipment
  - firefighting equipment
  - life jackets, life rafts, seat cushions
  - oxygen equipment including masks, fixed, portable
  - personal breathing equipment
  - restraint equipment
  - safety demonstration videos
  - safety instruction sheets
  - survival equipment
- hazard identification and risk control procedures and related regulatory requirements
- human factors and non-technical skills:
  - decision-making processes
  - principles of effective communication
  - situational awareness
  - threat and error management relevant to own role

- inflight emergency response procedures for:
  - aborted take-off
  - aircraft collision
  - aircraft ditching
  - cabin depressurisation
  - disruptive/unruly passenger behaviour
  - emergency landing
  - explosion or fire on aircraft
  - illness or injury among passengers or crew
  - loss of aircraft power
  - malfunctioning aircraft equipment
  - severe air turbulence
  - smoke/fire in cabin
  - unlawful interference with aviation
- principles of passenger and aircraft safety
- problems that may occur when maintaining safety requirements during aircraft cabin operations and appropriate action that should be taken in each case
- procedures to be followed during safety demonstrations and emergencies
- relevant aviation operational administrative procedures
- relevant customs, quarantine, equal opportunity and anti-discrimination regulations
- relevant WHS/OHS, hygiene and environmental procedures and regulations
- relevant sections of regulations pertaining to the integrated safety responsibilities and roles of aircrew
- risks that exist during aircraft flight and related risk control procedures and precautions.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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.

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

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 currently used in industry.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816