



**Australian Government**

# **Assessment Requirements for AVIF0024 Provide first aid in an aviation environment**

**Release: 1**

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## **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:

- communicating effectively with others
- implementing work health and safety (WHS) procedures and relevant regulations
- performing cardiopulmonary resuscitation (CPR) in accordance with Australian Resuscitation Council (ARC) guidelines, including:
  - performing at least 2 minutes of uninterrupted single rescuer CPR (5 cycles of both compressions and ventilations) on an adult resuscitation manikin placed on the floor
  - performing at least 2 minutes of uninterrupted single rescuer CPR (5 cycles of both compressions and ventilations) on an infant resuscitation manikin placed on a firm surface
  - responding appropriately in a regurgitation or vomiting
  - managing an unconscious breathing casualty
  - following single rescue procedure, including demonstrating a rotation of operators with minimal interruptions to compressions
  - following the prompts of an automated external defibrillator (AED)
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- responding to at least two inflight first aid emergencies, including:
  - conducting a visual and verbal assessment of the casualty
  - applying safe manual handling techniques
  - participating in a post-incident debrief and evaluation
  - providing an accurate verbal or written incident report.

## **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:

- aircraft first aid resources and equipment, including:

- aircraft first aid kits
- aviation life support equipment
- aviation human factors, including:
  - aspects of lifestyle that may adversely influence personal physiological conditions inflight:
    - atmospheric pressure changes
    - deep vein thrombosis (DVT) and other potential physiological hazards of air flight disease
    - fatigue
    - hyperventilation
    - intoxication
    - lack of oxygen due to cabin depressurisation or problems with air supply
    - personal injury
    - physical fitness
    - physical illness
    - spatial disorientation
    - visual illusions
  - aspects of lifestyle that may adversely influence personal psychological conditions inflight:
    - mental illness
    - grief
    - trauma
    - interpersonal conflict
    - overwork
    - anxiety
    - uncontrolled fear response
    - uncontrolled stress
    - secondary effects of illness, disease or injury
- CPR techniques in accordance with ARC guidelines
- considerations when providing first aid, including:
  - airway obstruction due to body position
  - appropriate duration and cessation of CPR
  - appropriate use of an AED
  - chain of survival
  - standard precautions
  - how to conduct a visual and verbal assessment of the casualty
- legal, workplace and community considerations, including:
  - awareness of potential need for stress-management techniques and available support following a first aid emergency
  - duty of care requirements

- respectful behaviour towards a casualty
- own skills and limitations
- consent
- privacy and confidentiality requirements
- importance of debriefing
- principles and procedures for managing the following first aid scenarios:
  - allergic reaction
  - anaphylaxis
  - bleeding control
  - cardiac arrest
  - cardiovascular
  - choking and airway obstruction
  - ear, nose and throat (ENT) conditions
  - fractures, sprains and strains, using arm slings, roller bandages or other appropriate immobilisation techniques
  - musculoskeletal
  - neurological
  - pathological control
  - psychiatric
  - respiratory distress, including asthma
  - shock
  - urological
  - vasovagal
  - infectious disease
- state/territory regulations, first aid codes of practice and workplace procedures, including:
  - ARC guidelines relevant to provision of CPR and first aid
  - safe work practices to minimise risks and potential hazards
  - infection control principles and procedures, including use of standard precautions
  - requirements for currency of skills and knowledge.

## 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 and appropriate 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>