



Australian Government

AVIF0001 Apply aircraft safety procedures

Release: 1

AVIF0001 Apply aircraft safety procedures

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 apply aircraft safety procedures, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes preparing for airside operations, operating around aircraft and implementing aviation safety emergency procedures.

This unit addresses aviation non-technical skill requirements (mental, social and personal-management abilities) related to safety management duties of aviation personnel technical skills, 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 as a single operator or within a team environment.

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.

Use for Defence Aviation is to be in accordance with relevant Defence Orders, Instructions, Publications and Regulations.

Pre-requisite Unit

Not applicable.

Competency Field

F – Safety Management

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

1 Prepare for airside operations

- 1.1 Suitable personal protective equipment (PPE) and clothing is fitted and worn correctly
- 1.2 Airside hazards are identified and appropriate risk management controls are implemented
- 1.3 Airside operating conditions and restrictions, and interim instructions are confirmed and applied to individual tasks
- 1.4 Airside safety and operational briefings are received and acknowledged prior to operating around aircraft

2 Operate around aircraft

- 2.1 Airside operating conditions and requirements are implemented
- 2.2 Airside access and aviation security procedures are applied
- 2.3 Aircraft manoeuvring practices are confirmed
- 2.4 Aircraft safety hazards and zones are confirmed
- 2.5 Effective individual safety controls are implemented during operations within close proximity to aircraft
- 2.6 Normal and emergency aircraft access and egress procedures are confirmed and applied during airside operations
- 2.7 Appropriate verbal and non-verbal communication techniques are applied with flight crew and other ground personnel during routine and abnormal operations

3 Implement aviation safety emergency procedures

- 3.1 Airside incident or accident is identified and communicated to relevant personnel
- 3.2 Individual emergency response actions are taken to preserve own safety
- 3.3 Appropriate individual response actions are taken to assist other airside personnel during incidents or accidents

- 3.4 Post-incident or accident procedures are clarified and applied, and their implementation is reported to relevant personnel

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

No equivalent unit.

Links

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

Assessment Requirements for AVIF0001 Apply aircraft safety procedures

Modification History

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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 on at least one occasion and include:

- adhering to airside operating conditions and requirements
- applying aircraft access and egress procedures:
 - normal
 - emergency
- applying individual airside access procedures
- applying individual aviation security procedures
- fitting and wearing aviation personal protective equipment (PPE):
 - eye protection
 - fire and flame resistant clothing
 - footwear
 - hearing protection
 - high visibility clothing
- identifying airside hazards and risk controls:
 - ground safety:
 - noise
 - zones
 - aircraft jet blast and downwash
 - personnel, vehicle, building and aircraft proximity and safety distances
 - fuel and oil spillage
 - human factors:
 - fatigue
 - individual health
 - day and night operations
 - aircraft operations:
 - loading and unloading
 - taxiing or air transit of aircraft
 - environmental:

- natural
 - man-made
 - weather
- implementing individual aviation safety emergency procedures:
 - incident response
 - accident response
 - post-incident and accident actions
 - reporting
- implementing work health and safety (WHS)/occupational health and safety (OHS) procedures and relevant regulations
- interpreting relevant instructions, regulations, procedures and other information
- performing airside operational tasks around aircraft
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- receiving airside briefings:
 - airside safety
 - airside operational tasks.

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 include knowledge of:

- aircraft access and egress procedures:
 - normal
 - emergency
- airside communication techniques:
 - verbal
 - non-verbal
- airside hazards:
 - ground safety
 - aircraft operations
 - environmental
- airside operational tasks applicable to own role:
 - aviation maintenance
 - ground support tasks
 - airside safety
 - flight crew

- airside operational environment:
 - aerodrome types
 - aircraft manoeuvring practices
 - airfield lightings, signals, markers and beacons
 - control towers
 - movement areas
 - runways
 - tarmacs
 - vehicle movement
- correct fitment and wearing of aviation PPE:
 - eye protection
 - fire and flame resistant clothing
 - footwear
 - hearing protection
 - high visibility clothing
- individual airside access procedures
- individual aviation security procedures
- individual aviation safety emergency procedures:
 - incident response
 - accident response
 - post-incident and accident actions
- individual risk management controls for airside operations.

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.

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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 and appropriate materials, tools, equipment and personal protective equipment currently used in industry.

Links

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