



Australian Government

AVIF3005 Maintain the safety of people and aircraft

Release: 1

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.

Application

This unit involves the skills and knowledge required to maintain the safety of people and aircraft, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes carrying out required safety procedures, managing safety risks and hazards, following flight crew directions, aiding and assisting passengers during an emergency, and carrying out administrative procedures.

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.

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.

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|---|--|
| 1 Carry out safety procedures | <ul style="list-style-type: none">1.1 Pre-take-off safety and security checks are conducted in accordance with regulatory requirements and workplace procedures1.2 Safety demonstrations and checks are conducted in accordance with regulatory requirements and workplace procedures1.3 Safety hazards are identified and are reported and/or acted on in accordance with risk management procedures and regulatory requirements1.4 Appropriate hazard mitigation strategies are determined and implemented in conjunction with other aircrew members, in accordance with risk management procedures and regulatory requirements |
| 2 Follow flight crew directions | <ul style="list-style-type: none">2.1 Instructions of senior flight crew are followed at all times2.2 Individual crew positions are taken during landing and take-off and as directed by flight crew2.3 Safety restraints and crew seating are used during landing, take-off and as directed by flight crew instructions, workplace procedures and safety regulations |
| 3 Aid and assist passengers during an inflight emergency | <ul style="list-style-type: none">3.1 Passengers are advised of hazardous conditions and potential emergencies at appropriate times, and related safety and emergency actions to take during flight3.2 In an emergency, passengers are advised of the nature of the emergency and the procedures and precautions to be followed3.3 Clear communication is established and maintained with passengers3.4 Passengers are aided during the emergency in accordance with regulatory requirements, flight crew instructions and workplace procedures3.5 Passengers are assisted as required during emergency |

		situations
	3.6	First aid and/or medical attention is applied as required, in conjunction with other crew members during an emergency situation
4 Carry out administrative procedures	4.1	Workplace administrative procedures related to flight safety are identified and interpreted
	4.2	Administrative procedures related to safety and emergency procedures and incidents are implemented in accordance with workplace and regulatory requirements
	4.3	All required aircraft safety documentation is completed and processed in accordance with workplace requirements

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.

Safety demonstrations for passengers must include use of one or more of the following items:	• aircraft intercom and communications equipment • defibrillator • escape devices • emergency lighting equipment • first aid kit and equipment • fire fighting equipment • lifejackets, life rafts, seat cushions • oxygen equipment including masks, fixed, portable • personal breathing equipment • restraint equipment • safety demonstration videos • safety instruction sheets • survival equipment
Types of inflight emergencies must include one or more of the following:	• aborted take-off • aircraft collision • aircraft ditching • cabin depressurisation

- disruptive passenger behaviour
- emergency landing
- explosion or fire on aircraft
- illness or injury amongst of passenger/(s) or crew
- loss of aircraft power
- malfunctioning aircraft equipment
- severe air turbulence
- smoke/fire in cabin
- unlawful interference with aviation

Unit Mapping Information

This unit replaces and is equivalent to AVIF3005B Maintain the safety of people and aircraft.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>