



Australian Government

AVIO0001 Manage security procedures as pilot in command

Release: 1

AVIO0001 Manage security procedures as pilot in command

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 manage security procedures as pilot in command (PIC), in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes assessing security and safety risks, carrying out surveillance of flight safety and security, and managing unlawful interference with aviation as PIC.

This unit addresses aviation non-technical skill requirements (mental, social and personal-management abilities) related to aviation security duties a PIC, 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 and without 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

O – Security

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Assess security and safety risks	1.1 Assessments of potential risks to the security and safety of flight, personnel, facilities, information and equipment are made, considering internal and external factors 1.2 Relative risks from a range of sources are assessed and compared with existing aviation security and safety measures 1.3 Safety and security risk control measures are implemented as PIC using procedures, policies and regulations applicable to aviation security and safety
2 Carry out surveillance of flight safety and security	2.1 Routine and on-occurrence monitoring of aircraft safety and security is conducted in accordance with workplace procedures and regulatory requirements 2.2 Breaches of safety and security are identified, management action is initiated to resolve issues, and incident is reported in accordance with workplace procedures and regulatory requirements
3 Manage unlawful interference with aviation as pilot in command (PIC)	3.1 Passenger behaviour is continuously monitored for potential and/or actual indications of unlawful interference 3.2 Disruptive passenger behaviour and/or unlawful interference is identified and resolved using a range of strategies and methods 3.3 Action to manage unlawful interference is taken within scope of own and regulatory authority as PIC 3.4 Unlawful interference with aviation incidents are reported and documented in accordance with organisational and regulatory 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.

Potential safety and security risks must include one or more of the following:

- bomb threats
- breaches of physical/electronic security
- commercial security
- domestic security issues
- enterprise security
- international security situation
- political environment
- terrorism threats

Unlawful interference with aviation must include one or more of the following:

- taking control of an aircraft by force or threat of force or any other form of intimidation, or by any trick or false pretence
- destroying an aircraft that is in service
- causing damage to an aircraft that is in service that puts the safety of the aircraft, or any person on board or outside the aircraft, at risk
- doing anything on board an aircraft that is in service that puts the safety of the aircraft, or any person on board or outside the aircraft, at risk
- placing, or causing to be placed, on board an aircraft that is in service anything that puts the safety of the aircraft, or any person on board or outside the aircraft, at risk
- putting the safety of aircraft at risk by interfering with, damaging or destroying air navigation facilities
- putting the safety of an aircraft at risk by communicating false or misleading information
- committing an act at an airport, or causing any interference or damage, that puts the safe operation of the airport, or the safety of any person at the airport, at risk

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 AVIO0001 Manage security procedures as pilot in command

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 and range of conditions on at least one occasion and include:

- adapting to differences in equipment in accordance with standard operating procedures
- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant legislation and workplace procedures while managing security procedures
- communicating effectively with others
- completing relevant documentation
- identifying and correctly using relevant equipment
- identifying and resolving at least one incidence of unlawful interference with aviation as pilot in command (PIC):
 - taking control of an aircraft by force, or threat of force, or any other form of intimidation or by any trick or false pretence
 - destroying an aircraft that is in service
 - causing damage to an aircraft that is in service that puts the safety of the aircraft, or any person on board or outside the aircraft, at risk
 - doing anything on board an aircraft that is in service that puts the safety of the aircraft, or any person on board or outside the aircraft, at risk
 - placing, or causing to be placed, on board an aircraft that is in service anything that puts the safety of the aircraft, or any person on board or outside the aircraft, at risk
 - putting the safety of aircraft at risk by interfering with, damaging or destroying air navigation facilities
 - putting the safety of an aircraft at risk by communicating false or misleading information
 - committing an act at an airport, or causing any interference or damage, that puts the safe operation of the airport, or the safety of any person at the airport, at risk
- implementing contingency plans
- implementing work health and safety (WHS)/occupational health and safety (OHS) procedures and relevant regulations
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring passenger behaviour consistent with individual work role
- operating electronic communications equipment to required protocol while managing

security procedures

- reporting and documenting unlawful interference with aviation
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- reporting and/or rectifying any problems, fault or 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 when managing security procedures and unlawful interference with aviation
- 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 transport security regulations, policies and procedures as they apply to managing security procedures as PIC
- behaviour of terrorists in aviation environments
- flight deck and cabin procedures to protect the aircraft
- identification of potential and actual security breaches and/or threats to flight safety
- importance of security and safety in domestic and international aviation transport
- individual defensive techniques and personal defence strategies
- least risk bomb locations for aircraft
- legal and workplace parameters as they apply to managing security procedures as PIC
- methods to identify and resolve disruptive passenger behaviours:
 - arguments
 - hostilities
 - fare evasion
 - verbal abuse
 - physical abuse
 - graffiti
 - lack of compliance with no smoking signs
 - lack of compliance with aviation transport security regulations
 - drunken behaviour
- methods to identify and resolve unlawful interference with aviation:
 - taking control of an aircraft by force, or threat of force, or any other form of intimidation

- or by any trick or false pretence
- destroying an aircraft that is in service
- causing damage to an aircraft that is in service that puts the safety of the aircraft, or any person on board or outside the aircraft, at risk
- doing anything on board an aircraft that is in service that puts the safety of the aircraft, or any person on board or outside the aircraft, at risk
- placing, or causing to be placed, on board an aircraft that is in service anything that puts the safety of the aircraft, or any person on board or outside the aircraft, at risk
- putting the safety of aircraft at risk by interfering with, damaging or destroying air navigation facilities
- putting the safety of an aircraft at risk by communicating false or misleading information
- committing an act at an airport, or causing any interference or damage, that puts the safe operation of the airport, or the safety of any person at the airport, at risk
- nature and types of security incidents
- procedures for deliberate or impromptu search of an aircraft
- procedures for managing security and safety procedures as PIC
- processes and methods for reporting security breaches
- relevant WHS/OHS procedures and guidelines
- relevant Civil Aviation Safety Regulations and Civil Aviation Orders (CASRs) for PIC authority and responsibilities
- risks and hazards when managing security procedures and related actions to control or mitigate security risk
- security identification methods, techniques and policies
- use of non-lethal protective devices to the extent permitted by law
- workplace procedures for surveillance by PIC.

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 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 currently used in industry.

Links

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