



Australian Government

AVIN0004 Supervise and manage safe flight operations as pilot in command

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.

Application

This unit involves the skills and knowledge required to supervise and manage safe flight operations as pilot in command (PIC) in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes supervising flight crew and flight operations, managing routine flight operations, and managing contingency flight operations

This unit addresses aviation non-technical skill requirements (mental, social and personal-management abilities) related to leadership and supervision duties of a PIC and contributes to safe and effective performance in complex aviation operational environments.

Operations are conducted as part of commercial and military aircraft activities across a variety of operational contexts within the Australian aviation industry.

Work is performed independently without supervision within a multi-crew environment.

Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Pre-requisite Unit

Not applicable.

Competency Field

N – Leadership and Supervision

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

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| 1 Supervise flight crew and flight operations | 1.1 Cargo loading requirements are implemented in accordance with regulatory requirements and workplace procedures |
| | 1.2 Flight operations and flight crew are continuously monitored throughout the flight in accordance with regulatory requirements and workplace procedures |
| | 1.3 Flight crew are assisted with prioritisation of workload |
| | 1.4 Flight crew members are provided mentorship and leadership during routine flight operations |
| 2 Manage routine flight operations | 2.1 Environmental factors are constantly assessed for effects on flight performance |
| | 2.2 Flight operations support services are advised of changes to flight operational requirements in accordance with regulatory requirements and workplace procedures |
| | 2.3 Current, relevant and sufficient information to support effective decision making is gathered and provided to flight crew during routine flight operations |
| | 2.4 Passenger safety and comfort is monitored and managed in accordance with regulatory requirements and workplace procedures |
| | 2.5 Aircraft in-flight performance is continuously monitored and assessed in accordance with regulatory requirements and workplace procedures |
| | 2.6 Control of aircraft flight path is maintained at all times during routine flight operations |
| 3 Manage contingency flight operations | 3.1 Environmental factors are constantly assessed for effects on contingency flight operations |
| | 3.2 Safe flight profile is established during contingency flight operations and within scope of aircraft performance limitations |
| | 3.3 Flight crew members are allocated tasks and performance is supervised during contingency flight operations |
| | 3.4 Information to support decision making is gathered and provided to flight crew during contingency flight |

operations

- 3.5 Aircraft in-flight performance is continuously monitored, assessed and acted on in accordance with regulatory requirements, workplace procedures and/or equipment procedures during contingency flight operations
- 3.6 Control of aircraft flight path is maintained at all times during contingency flight operations, including abnormal and emergency situations
- 3.7 Aircraft is configured for safe flight to effect approach and landing as far as practicable

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

This unit replaces and is equivalent to AVIN0002 Supervise and manage safe flight operations as pilot in command.

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>