



Australian Government

AVIF0026 Implement aviation risk management processes

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 implement aviation risk management processes in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes identifying, controlling, monitoring and reviewing the effectiveness of risk management processes as part of a safety management system (SMS).

Work involves managing the effects of uncertainty on objectives using an SMS within a variety of operational contexts within the Australian aviation industry.

This unit addresses aviation non-technical skill requirements (mental, social and personal-management abilities) related to safety management duties that complement the technical skills of aviation personnel and contributes to safe and effective performance in complex aviation operational environments.

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.

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 Identify aviation hazards and assess risk | 1.1 Hazards are identified through organisational methods in accordance with workplace standards |
| | 1.2 Stakeholders are identified and involved in the risk assessment process |
| | 1.3 Likelihood and consequence of hazards are assessed and ranked against established organisational risk assessment criteria |
| 2 Identify risk controls | 2.1 Controls that reduce risk to as low as reasonably practicable (ALARP) are identified in accordance with workplace policies and procedures |
| | 2.2 Risk management action plan is developed and communicated to all stakeholders |
| | 2.3 Risk management documentation is completed and checked for accuracy |
| 3 Control aviation risk | 3.1 Risk control selections are determined with consideration of effect on stakeholders |
| | 3.2 Risk control methods are communicated to stakeholders |
| | 3.3 Selected risk control method/s is implemented, monitored and evaluated |
| 4 Monitor and review effectiveness of risk control | 4.1 Implemented risk controls are regularly monitored against measures of success/effectiveness |
| | 4.2 Assistance is provided to review risk in own area of operation |
| | 4.3 Management of risk is continuously monitored and reviewed in own area of operation |
| | 4.4 Review results are used to improve risk control |

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 AVIF0004 Implement aviation risk management processes.

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>