



Australian Government

AVIF2020 Employ fatigue risk management practices in an aviation workplace

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 employ fatigue risk management practices in an aviation workplace, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes recognising signs of personal fatigue, employing fatigue risk management practices to minimise fatigue, and identifying fatigue in others.

This unit addresses aviation non-technical skill requirements (mental, social and personal-management abilities) related to safety management duties of aviation 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 as a single operator or within a team 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 Recognise signs of personal fatigue | 1.1 An understanding of personal fatigue and its impact on safety and security in an aviation workplace is developed and applied to day-to-day work

1.2 Contributors to fatigue are recognised and actions are taken to minimise safety implications in an aviation workplace

1.3 Personal fatigue is identified and actions to minimise fatigue are taken in accordance with workplace procedures |
| 2 Employ fatigue risk management practices to minimise fatigue | 2.1 Individual work schedules and rosters are managed to minimise fatigue risks

2.2 Personal fatigue risk management practices are employed to maintain vigilance and alertness, in accordance with workplace procedures

2.3 Factors external to the workplace that cause fatigue are recognised

2.4 Strategies that promote effective long-term management of fatigue are implemented

2.5 Personal fatigue limits are identified and communicated to supervisors in accordance with workplace procedures

2.6 Restrictions on work duty limits are confirmed

2.7 Potential risks of exceeding work duty limits are identified and rectified in accordance with workplace procedures and legislative requirements |
| 3 Identify fatigue in others | 3.1 Work colleagues are monitored for signs of personal fatigue

3.2 Communication techniques and strategies are used to assist work colleagues in identifying and managing fatigue

3.3 Contributions are made to the team to assist in minimising fatigue in others |

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.

- Aviation workplaces must include one or more of the following:
- any work environment in the aviation industry requiring flight or ground safety critical operational judgements to be made:
 - air freight and cargo terminals
 - aircraft operating environments
 - airports, aerodromes and airfields:
 - airside including tarmac and movement areas
 - runways and taxiways
 - terminal areas
 - air traffic service areas
 - aviation maintenance areas
 - aviation security environments
 - flight operations
 - ground operations

Unit Mapping Information

This unit replaces and is equivalent to AVIF2020B Employ fatigue management practices in the aviation workplace

Links

Companion Volume implementation guides are found in VETNet -

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