



Australian Government

MEA141 Manage risk in aviation maintenance

Release: 3

MEA141 Manage risk in aviation maintenance

Modification History

Release 2.1 Equivalent to MEA141 Manage risk in aviation maintenance. Minor amendments to references to regulations to allow flexibility in their application.

Release 2. Equivalent to MEA141 Manage risk in aviation maintenance. Updated to meet training package policy requirements.

Application

This unit of competency describes the skills and knowledge required to identify and manage risks associated with aviation maintenance activities. Work may be performed individually or as part of a team.

The unit applies to scheduled and unscheduled maintenance, and maintenance support or integrated logistic support (ILS) during maintenance. It is used in workplaces that operate under the airworthiness regulatory systems of the Australian Defence Force (ADF) and the Civil Aviation Safety Authority (CASA).

This unit forms part of the CASA requirement for maintenance certification licences under Civil Aviation Safety Regulation (CASR) Part 66. Where a CASA licensing outcome is sought, users must refer to the licensing provisions in the MEA Aeroskills Companion Volume Implementation Guide.

Pre-requisite Unit

Nil.

Competency Field

Aviation maintenance management

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1. Identify the criteria for aviation maintenance risk management

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1 Identify risk management procedures from organisation's risk management plan or aviation maintenance organisation exposition
- 1.2 Where a risk management plan does not exist, identify and document potential risks

ELEMENTS**PERFORMANCE CRITERIA**

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| | 1.3 Determine criteria for managing identified risks according to standard risk management procedures and document them as a risk management plan |
| | 1.4 Identify process for evaluating and reviewing risk management plan from organisation's plan, or develop an evaluation methodology and include it in the plan developed according to standard risk management procedures |
| 2. Manage aviation maintenance risk | 2.1 Monitor activities in line with risk management plan |
| | 2.2 Identify performance deviations and initiate responses according to risk management plan |
| | 2.3 Monitor and report effectiveness of risk responses according to risk management plan procedures |
| 3. Evaluate aviation maintenance risk management processes | 3.1 Review and analyse risk management outcomes to assess the effectiveness of risk management plan |
| | 3.2 Develop and process recommendations on variations to the plan according to organisational policies and procedures |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371>