



Australian Government

MEA129 Investigate technical aspects of aviation occurrences

Release: 2

MEA129 Investigate technical aspects of aviation occurrences

Modification History

Release 2. Equivalent to MEA129 Investigate technical aspects of aviation occurrences.
Updated to meet training package policy requirements.

Application

This unit of competency describes the skills and knowledge required to investigate the technical aspects of aviation occurrences, including aircraft accidents, aircraft incidents, and maintenance incidents within the Australian Defence Force (ADF) airworthiness jurisdiction. It involves applying required procedures and technical knowledge in the course of investigations. Investigation may involve a combination of visual observation, interviews, statement reviews, and technical investigation. Work may be performed individually or as part of a team.

The unit applies to those involved in aviation maintenance management within ADF airworthiness jurisdiction.

It forms part of the Civil Aviation Safety Authority (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. Provide first response to an aviation occurrence

PERFORMANCE CRITERIA

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

- 1.1 Notify authorities of occurrence according to ADF policy and procedures
- 1.2 Provide specialist advice relevant to an aviation occurrence
- 1.3 Plan investigation according to ADF and statutory requirements

ELEMENTS**PERFORMANCE CRITERIA**

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|----------------------------------|--|
| 2. Collect evidence | 2.1 Document evidence of personnel involved in an aviation occurrence |
| | 2.2 Interview witnesses and document information |
| | 2.3 Collate evidence associated with an aviation occurrence |
| 3. Analyse occurrence | 3.1 Analyse information according to established objectives of the investigation |
| | 3.2 Generate options for action that are consistent with ADF and/or statutory requirements and lead to recommendations that reduce future risk |
| | 3.3 Specify criteria to enable objective evaluation of the options to be undertaken |
| 4. Produce report | 4.1 Review collected evidence and make satisfactory engineering conclusions and recommendations |
| | 4.2 Review conclusions with stakeholders |
| | 4.3 Cost recommendations |
| | 4.4 Produce formal reports according to ADF policy and procedures and distribute to designated authorities |
| 5. Implement corrective measures | 5.1 Select corrective measures for implementation that are feasible in terms of practicality and costing |
| | 5.2 Implement measures in line with recommendations |

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>