



Australian Government

MEA115 Plan and implement aeronautical product maintenance activities

Release: 3

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Modification History

Release 2.1 Equivalent to MEA115 Plan and implement aeronautical product maintenance activities. Minor amendments to references to regulations to allow flexibility in their application.

Release 2. Equivalent to MEA115 Plan and implement aeronautical product maintenance activities. Updated to meet training package policy requirements.

Application

This unit of competency describes the skills and knowledge required to plan, implement, and evaluate workshop maintenance activities in compliance with airworthiness regulatory requirements.

The unit applies to activities relating to the overhaul, repair, and modification of items of aeronautical product. 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. Plan aeronautical product maintenance activity

PERFORMANCE CRITERIA

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

- 1.1 Determine maintenance requirements from required sources
- 1.2 Analyse and prioritise maintenance tasks in line with identified maintenance requirements

ELEMENTS**PERFORMANCE CRITERIA**

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| | 1.3 Identify resource requirements and allocate to ensure timely and efficient completion of maintenance tasks |
| | 1.4 Record maintenance tasks to be performed according to organisational policy and procedures |
| 2. Implement aeronautical product maintenance activity | 2.1 Communicate and agree roles and responsibilities of maintenance personnel involved in maintenance tasks |
| | 2.2 Arrange resources and equipment required to perform maintenance tasks |
| | 2.3 Maintain regular liaison with maintenance personnel to ensure tasks are completed in required timeframe and continuity is maintained |
| | 2.4 Provide management and other stakeholders with regular updates on maintenance progress by way of written and verbal communication |
| | 2.5 Monitor maintenance activities to ensure compliance with prescribed instructions, policy, procedures and regulatory requirements |
| | 2.6 Provide advice and assistance with maintenance activities in line with workplace requirements |
| | 2.7 Resolve maintenance problems in line with applicable maintenance documentation |
| 3. Evaluate and report product maintenance outcomes | 3.1 Evaluate final maintenance outcomes against applicable maintenance documentation according to organisational policy and procedures |
| | 3.2 Collate, evaluate, and distribute maintenance reports to designated management personnel within required timeframe and according to regulatory requirements and organisational policy and procedures |
| | 3.3 Package required maintenance release documentation with items of aeronautical product that are being released to service |

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>