



Australian Government

MEA130 Manage deployed/detached aviation maintenance activities

Release: 2

MEA130 Manage deployed/detached aviation maintenance activities

Modification History

Release 2. Equivalent to MEA130 Manage deployed/detached aviation maintenance activities. Updated to meet training package policy requirements.

Application

This unit of competency describes the skills and knowledge required to plan deployed aircraft maintenance, provide support to deployed maintenance personnel, and monitor and evaluate their activities within the Australian Defence Force (ADF) airworthiness jurisdiction. Work may be performed individually or as part of a team.

The unit applies to deployment and detachment activities at away from home base of aircraft that are to be supported by a deployed maintenance team for scheduled and unscheduled maintenance. The work may be undertaken in Australia or overseas in military airfields, civilian airfields, and unprepared areas of operations.

This unit 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. Plan aircraft detachment maintenance activities

PERFORMANCE CRITERIA

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

- 1.1 Determine deployment/detachment objectives
- 1.2 Identify resource requirements, and obtain and allocate resources in line with identified objectives
- 1.3 Validate maintenance personnel qualifications and authorisations

ELEMENTS**PERFORMANCE CRITERIA**

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| | 1.4 Establish liaison with detachment locality authorities |
| | 1.5 Schedule detachment activities |
| 2. Prepare maintenance plan | 2.1 Incorporate short and long-term goals into maintenance plan in line with flight/squadron objectives and priorities |
| | 2.2 Check maintenance plan to ensure it conforms to airworthiness regulations, and ADF policies and procedures; and that it reflects available resources |
| | 2.3 Develop realistic and relevant work objectives |
| 3. Detach aircraft | 3.1 Perform pre-detachment inspections and report deficiencies according to ADF policy and procedures |
| | 3.2 Brief designated personnel |
| | 3.3 Detach aircraft and equipment |
| 4. Provide technical airworthiness/engineering advice | 4.1 Submit maintenance interval extension requests as required and in line with organisational policy and procedures |
| | 4.2 Authorise carried forward unserviceabilities |
| | 4.3 Provide technical advice to higher authorities relating to maintenance and to design of modifications and repairs to aircraft structure/systems |
| 5. Monitor and evaluate maintenance activities | 5.1 Assess maintenance outcomes against maintenance plan goals and objectives |
| | 5.2 Identify and analyse deviations and problems and initiate required responses |
| | 5.3 Record and report maintenance outcomes according to ADF policy and procedures |

Foundation Skills

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

Unit Mapping Information

Release 2. Equivalent to MEA130 Manage deployed/detached aviation maintenance activities.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371>