



Australian Government

MEACOM0014 Manage aircraft maintenance activities

Release: 1

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Modification History

Release 1. Application changed. Elements and Performance Criteria changed. Foundation Skills made explicit. Assessment Requirements clarified. Supersedes and is equivalent to MEA126 Manage aircraft maintenance activities.

Application

This unit describes the skills and knowledge required to develop, implement, and evaluate the outcomes of aircraft maintenance activities, which include maintenance of the airframe and aircraft systems, power plant, avionics systems, and fitted role equipment. Work may be performed individually or as part of a team.

The unit applies to scheduled and unscheduled maintenance activities performed on flight lines, in hangars, and in workshops.

The unit is used in workplaces that operate under the airworthiness regulatory systems of the Civil Aviation Safety Authority (CASA) and the Defence Aviation Safety Authority (DASA).

Any other relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

Nil

Competency Field

Aviation maintenance management

Elements and Performance Criteria

Elements	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Develop an aircraft maintenance program	1.1 Determine maintenance requirements for aircraft from related documentation 1.2 Analyse and prioritise maintenance tasks 1.3 Identify resource requirements and allocate resources to ensure timely and efficient completion of maintenance tasks
2. Implement an aircraft maintenance program	2.1 Communicate and agree roles and responsibilities of maintenance personnel

Elements	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	2.2 Identify and arrange required resources and equipment to achieve scheduled tasks, including required safety data sheets (SDS) and personal protective equipment (PPE) 2.3 Regularly consult maintenance personnel to ensure scheduled tasks are achieved 2.4 Provide advice and assistance with maintenance activities as required 2.5 Identify and/or anticipate maintenance problems, and avoid or control them according to maintenance program procedures 2.6 Provide management/stakeholder with updates on maintenance progress in line with organisational requirements and protocols
3. Review compliance and effectiveness of maintenance activities	3.1 Monitor maintenance activities to ensure compliance with authorised instructions, policies and procedures 3.2 Review and analyse maintenance program effectiveness 3.3 Identify, investigate and negotiate proposed changes to maintenance program with management/stakeholders
4. Evaluate and report maintenance outcomes	4.1 Evaluate final maintenance outcomes against the program according to organisational policies and procedures 4.2 Collate, evaluate and distribute maintenance reports to designated authorities according to organisational policies and procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret maintenance information.
- Writing and oral communication skills to report on maintenance outcomes and produce maintenance notes, worksheets, status reports, briefs, and individual directives in English.
- Numeracy skills to calculate resource requirements.

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

Unit Mapping Information

Release 1. Supersedes and is equivalent to MEA126 Manage aircraft maintenance activities.

Links

Companion Volume implementation guides are found in VETNet -

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