



Australian Government

MEA126 Manage aircraft maintenance activities

Release: 3

MEA126 Manage aircraft maintenance activities

Modification History

Release 2.1 Equivalent to MEA126 Manage aircraft maintenance activities. Minor amendments to references to regulations to allow flexibility in their application.

Release 2. Equivalent to MEA126 Manage aircraft maintenance activities. Updated to meet training package policy requirements.

Application

This unit of competency 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, avionic 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. 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	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

ELEMENTS	PERFORMANCE CRITERIA
	tasks
2. Implement an aircraft maintenance program	2.1 Communicate and agree roles and responsibilities of maintenance personnel
	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

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>