



Australian Government

Assessment Requirements for MEACOM0006 Plan and implement aeronautical product 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 MEA115 Plan and implement aeronautical product maintenance activities.

Performance Evidence

There must be evidence the candidate has completed all the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- plan and implement aeronautical product maintenance activities for three different aeronautical products, each in a different context
- manage a workplace when performing each maintenance activity
- evaluate and report on the outcomes of each maintenance activity.

While undertaking the above aeronautical product maintenance, the candidate must:

- demonstrate planning and problem-solving techniques suited to the above activities
- apply regulations, policies and procedures relevant to planning and implementing aeronautical product maintenance activities, including work health and safety (WHS) requirements
- manage personnel and resources, including determining resource requirements relating to:
 - required numbers of personnel and their availability
 - personnel qualifications, experience and authorisations
 - requirements relating to:
 - spares
 - consumables
 - special equipment, including component test stations
 - ground support equipment
 - personal protective equipment (PPE)
 - technical data
- provide advice and assistance when:
 - performing fault diagnosis and troubleshooting procedures
 - assessing damage
 - assessing repair cost-effectiveness
 - assessing replacement options
- address maintenance problems encountered, including those relating to:
- lack of resources
- unanticipated breakdowns or faults

- changes in priorities
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- basic planning and problem-solving techniques required for the product maintenance activities described in the performance evidence
- basic function and theory of operation of applicable items of aeronautical product
- cost-effectiveness considerations for different repair types
- philosophies and considerations associated with repair versus replacement options
- organisational procedures relating to aeronautical product maintenance activities found in:
 - aviation maintenance organisation manuals
 - organisational policy and procedures manuals
 - procedures manuals
 - quality manuals
 - safety manuals
 - standing instructions
- regulatory requirements relating to aeronautical product maintenance activities found in:
 - relevant aviation safety regulations
- organisational and airworthiness regulatory requirements for planning, undertaking, recording, reporting and evaluating the maintenance activities described in the performance evidence, including for:
 - recording maintenance tasks to be performed
 - collating, evaluating and distributing maintenance reports
 - troubleshooting, including test station operation
 - applying compliance requirements in prescribed workplace instructions
- organisational communication protocols relating to maintenance notes, worksheets, status reports, briefs and individual directives
- equity, fraud, and ethics requirements set out in organisational code of conduct specific to the maintenance activities described in the performance evidence
- requirements of WHS legislation for the maintenance activities described in the performance evidence.

Assessment Conditions

The following conditions of assessment represent the requirements of the regulators (DASA and CASA) and maintenance stakeholders and must be rigorously observed.

Skills must have been demonstrated in the workplace or in a simulated environment that reflects typical aeronautical product maintenance situations, conditions and contingencies, or a combination of on- and off-the-job settings. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - workplace procedures, product and manufacturing specifications, codes, standards, manuals and reference materials relevant to planning and implementing aeronautical product maintenance activities
 - tools, equipment, materials, and documentation required to plan and implement aeronautical product maintenance activities.

Evidence of tasks demonstrating competency must be recorded in the maintenance management competency log or an equivalent industry evidence guide.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

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