



Australian Government

**Assessment Requirements for MEA147
Perform airworthiness management and
maintenance program tasks**

Release: 1

Assessment Requirements for MEA147 Perform airworthiness management and maintenance program tasks

Modification History

Release 1 - New unit of competency

Performance Evidence

Evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria under the specified conditions of assessment on at least one occasion, and must include:

- communicating in English both verbally and in writing with CAMO staff, aircraft operators, aircraft type certificate holder and regulatory staff
- writing and applying airworthiness review procedures
- determining aircraft airworthiness status and surveying aircraft for compliance with requirements
- raising and processing airworthiness review certificates
- developing and drafting maintenance programs
- revising maintenance programs
- maintaining maintenance program data
- obtaining and maintaining maintenance program approval
- setting up and operating a reliability program.

Knowledge Evidence

Evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- continuing airworthiness management regulatory requirements
- the CAMO Exposition and individual appointments and responsibilities
- aircraft design and design approval regulations
- aircraft type certificates and Maintenance Review Boards
- Airworthiness Directives (ADs)
- manufacturer's maintenance data and flight manual
- aircraft weight and balance
- maintenance program development and review procedures
- reliability program design
- data analysis methods and data presentation.

Assessment Conditions

- This unit may be assessed on the job, off the job or a combination of both on and off the job. Where assessment occurs off the job, that is the candidate is not in productive work, then an appropriate simulation must be used where the range of conditions reflects realistic workplace situations. The assessment environment should not disadvantage the candidate.
- Assessors must be satisfied that the candidate can competently and consistently perform all elements and performance criteria of the unit of competency, including required knowledge, and be capable of applying the competency in new and different situations and contexts.
- The candidate must have access to all tools, equipment, materials and documentation required. The candidate must be permitted to refer to any relevant workplace procedures, product and manufacturing specifications, codes, standards, manuals and reference materials.
- Assessors should gather a range of evidence that is valid, sufficient, current and authentic. The preferred method is the records in the Maintenance Management Competency Log. Where the individual does not have a Competency Log evidence can be gathered through a variety of ways, including direct observation, supervisor's reports, project work, samples and questioning. Questioning techniques should not require language, literacy and numeracy skills beyond those required in this unit of competency.
- This unit could be assessed in conjunction with any other units addressing the safety, quality, communication, materials handling, recording and reporting associated with applying scientific principles and techniques in aeronautical engineering situations or other units requiring the exercise of the skills and knowledge covered by this unit.
- The Assessor must meet the criteria specified in the CASR Part 147 Manual of Standards.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371>