



Australian Government

**Assessment Requirements for
MEACOM0043 Perform airworthiness
management and maintenance program
tasks**

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 equivalent to MEA164 Perform airworthiness management and maintenance program tasks.

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 manage and maintain the airworthiness of an aircraft during one scheduled maintenance program or one unscheduled maintenance program.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- continuing airworthiness management regulatory requirements found in:
 - Civil Aviation Safety Regulations (CASRs)
 - CASR Part 42 Manual of Standards
 - CASR Part 42 Guidance Material and Acceptable Means of Compliance
 - Users Guide CASR Part 42
 - Civil Aviation Advisory Publications (CAAP) 42M-2(0) Reliability Programs
 - Federal Aviation Administration (FAA) AC 20-157 How to prepare Reliability Assessment Plans for Aircraft Systems and Equipment
 - Federal Acquisition Regulation (FAR) Part 23 Airworthiness Standards for Airplanes in the Normal, Utility, Aerobatic or Commuter Categories
 - FAR Part 25 Airworthiness Standards for Airplanes in the Transport Category
 - European Union Aviation Safety Agency (EASA) CS-23 Certification Specifications for Aeroplanes in the Normal, Utility, Aerobatic or Commuter Categories
 - EASA CS-25 Certification Specifications for Airplanes in the Transport Category
 - FAA AC 21-15 (1) Supplemental Type Certificates
- key requirements for managing and maintaining aircraft airworthiness set out in continuing airworthiness management organisation (CAMO) exposition, including those relating to:
 - individual appointments and responsibilities
 - CAMO authorisations
 - requirements for reporting airworthiness review outcomes
- aircraft design and design approval regulations
- key features and functions of aircraft type certificates and Maintenance Review Boards

- key features of Airworthiness Directives (ADs)
- procedures for sourcing and using manufacturer maintenance data and flight manuals
- key requirements relating to aircraft weight and balance
- maintenance program development and review procedures
- reliability program design
- data analysis methods and protocols for presenting data.

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 under routine supervision in the workplace or in a simulated environment that reflects workplace conditions and contingencies encountered when performing airworthiness management and maintenance program tasks. 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 performing airworthiness management and maintenance program tasks
- modelling of industry operating conditions, including permitting candidate to refer to relevant documentation.

Evidence of tasks demonstrating competency must be recorded in a log of industrial experience and achievement.

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

Links

Companion Volume implementation guides are found in VETNet -

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