



Australian Government

**Assessment Requirements for
MEACOM0024 Supervise aviation
maintenance teams and perform
maintenance quality inspections**

Release: 1

Assessment Requirements for MEACOM0024 Supervise aviation maintenance teams and perform maintenance quality inspections

Modification History

Release 1. Application changed. Elements and Performance Criteria changed. Foundation Skills made explicit. Assessment Requirements clarified. Supersedes and is equivalent to MEA140 Supervise aviation maintenance teams and perform maintenance quality inspections.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to manage and supervise an aviation maintenance team in the Australian Defence Force (ADF) or a contractor organisation maintaining ADF aircraft and items of aeronautical product during one scheduled or one unscheduled maintenance activity.

The maintenance team must be performing maintenance activities on both an aircraft and items of aeronautical product.

During the course of the work, the candidate must:

- review maintenance data found in applicable sources in order to plan team maintenance activities, including:
 - maintenance records
 - maintenance manuals
 - servicing schedules
 - computer maintenance data systems
 - service bulletins
 - special technical instructions
 - modification orders
 - repair instructions
 - observations and feedback from maintenance personnel and aircrew
 - internal work instructions or management directives
- determine resource requirements for the maintenance activity, including:
 - personnel in required numbers with required experience, qualifications, and task authorisation
 - spares
 - consumables
 - tools
 - special equipment
 - ground support equipment
 - personal protective equipment (PPE)
- provide guidance to team members, including guidance relating to:

- damage assessment
- assessment of repair cost effectiveness
- assessment of replacement options.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- principles of supervision
- high-level technical knowledge applicable to the job
- faults and fault diagnosis techniques and guides
- key features and uses of maintenance data and documentation applicable to maintenance activities, including:
 - operating manuals
 - maintenance manuals
 - organisational policy manuals
 - quality manuals
 - safety manuals
 - procedures manuals
 - safety data sheets (SDSs)
 - work instructions
 - standing instructions
 - use of PPE
- use and procedures for obtaining confined space entry permits, regulations, policies and procedures relating to supervision and certification of maintenance, including:
 - airworthiness procedures
 - federal and state or territory work health and safety (WHS) legislation
 - human factors with the potential to affect job performance in aviation maintenance activities, and associated guidelines
 - maintenance quality inspections
 - key principles of employment relations and conditions relating to the work:
 - relevant sections of industrial awards
 - content of enterprise agreements
 - conditions of employment and service that apply to the particular workplace
- equity, diversity and fraud requirements set out in organisational code of conduct specific to the work
- factors to consider when determining resource requirements for maintenance activity plan, including:
 - personnel in required numbers with applicable experience, qualifications and task authorisation
 - spares
 - consumables

- tools
- special equipment
- ground support equipment
- PPE
- techniques to avoid maintenance errors
- key features of log of industrial experience and achievement, including responsibility for making entries and responsibility for certifying entries
- role of supervisors in assisting workplace competency assessors
- techniques for delivering on-the-job training.

Assessment Conditions

The following conditions of assessment represent the requirements of the regulator (DASA) 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 supervising aviation maintenance teams and performing maintenance quality inspections. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - workplace procedures, manufacturing specifications, codes, standards, manuals, and reference materials
 - items of ground support and test equipment required for the following maintenance activities:
 - power carts
 - hydraulic rigs
 - pneumatic rigs
 - stands and docking
 - component test stands
 - 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.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371>