



Australian Government

Assessment Requirements for MEAMEC0024 Fabricate and repair aircraft mechanical components or component parts

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Modification History

Release 1. Application changed. Elements and Performance Criteria changed. Foundation Skills made explicit. Range of Conditions removed, and relevant information moved to Assessment Requirements. Assessment Requirements clarified. Supersedes and is equivalent to MEA327 Fabricate and/or repair aircraft mechanical components or parts.

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:

- fabricate or repair at least one item from each of the following groups:
 - hose assemblies
 - pipes
 - cables, pulleys, chains, sprockets and gear drives
 - control rods, bellcranks and links
- perform the standard techniques for each of the following repairs:
 - pipe repairs
 - replacement of eye-ends, tubes or bearings for control rods or pulleys or sprockets
 - bushes or bearings for bellcranks and links.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- component operation
- fabrication and repair processes, regulatory requirements and procedures, including work health and safety (WHS)
- maintenance manuals for fabrication and repair of aircraft mechanical components or parts
- how to obtain material safety data sheets (MSDSs)
- use of personal protective equipment (PPE).
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Assessment Conditions

The following conditions of assessment represent the requirements of the regulators Defence Aviation Safety Authority (DASA) and Civil Aviation Safety Authority (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 in fabricating and repairing aircraft mechanical components or component parts. 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 relevant to fabricating and repairing aircraft mechanical components or component parts
 - components, parts, tools and equipment specified in maintenance documentation
 - general- and special-purpose tools and test equipment found in most routine situations.

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>