



Australian Government

Assessment Requirements for MEAMEC0069 Repair and overhaul rotary wing dynamic components

Release: 1

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Modification History

Release 1. Application changed. 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 MEA390 Repair and/or overhaul rotary wing dynamic components.

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:

- repair and overhaul rotary wing dynamic components on at least one item from each of the following groups:
 - rotor blades
 - rotor heads, hinge assemblies and swashplates
 - transmission gear boxes, drive shafts and couplings.
- during the above work, or separately, demonstrate the following repair processes:
 - finishing or re-finishing of metal surfaces through processes within maintenance manual limits
 - removal of corrosion within maintenance manual limits
 - replacement of seals and gaskets
 - replacement of bearings
 - application of surface treatments
 - restoration of paint finishes.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- how to obtain relevant material safety data sheets (MSDSs)
- the use of applicable items of personal protective equipment (PPE) for repairing or overhauling rotary wing dynamic components
- fault diagnosis techniques for repairing or overhauling rotary wing dynamic components
- rotary wing dynamic system and component operation
- rotary wing dynamic component repair and overhaul procedures and processes, including work health and safety (WHS).
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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 repairing and overhauling rotary wing dynamic components. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - tools and equipment specified in maintenance documentation
 - workplace procedures, manufacturing specifications, codes, standards, manuals, and reference materials relevant to repairing and overhauling rotary wing dynamic components
 - general-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>