



Australian Government

Assessment Requirements for MEAARM0001 Maintain aircraft egress systems

Release: 1

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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 MEA601 Maintain aircraft egress systems.

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:

- maintain aircraft egress systems during scheduled and unscheduled maintenance on two or more tasks from each of these categories:
 - maintenance tasks
 - arming and de-arming
 - cleaning
 - component changes
 - painting
- maintain at least two of the following non-explosive components:
 - barometric and gravitational sensing components
 - canopy jettison components
 - catapults
 - ejection seat railings and guns
 - inertia reels
 - parachute assemblies
 - pressure source bottles
 - survival equipment
- maintain at least two of the following explosive components:
 - ejection handles
 - ejection seat cartridges and initiators
 - explosive connectors
 - explosive delay elements
 - flexible linear shaped charges
 - rocket motors
 - shielded mild detonating cord
 - special function cartridges
- disarm and rearm egress system during emergency and contingency procedures
- safely handle explosive components

- conducting tests involving continuity, gauging and measuring
- identifying and selecting applicable items of specialist equipment and tools.

Knowledge Evidence

- There must be evidence the candidate has knowledge of:
- relevant standard enterprise procedures and maintenance publications, including defect reports
- maintenance releases containing details of unserviceabilities
- modification orders or leaflets
- service bulletins
- instructions issued by airworthiness authorities
- work instructions
- servicing schedules
- maintenance manuals
- standards and drawings
- applicable airworthiness and explosive ordnance regulations
- standing instructions
- quality manuals
- safety manuals
- maintenance and explosives records
- commonwealth, state and territory work health and safety (WHS) legislation, regulations, codes and procedures for parachute maintenance, including selecting and using personal protective equipment (PPE)
- Australian Standards for oxygen masks
- Defence Aviation Safety Authority (DASA) and Civil Aviation Safety Authority (CASA) regulations and instructions
- egress system construction, layout and operation
- operation, characteristics and limitations of aircraft egress systems
- effect of environmental conditions
- colour coding, marking and labels associated with egress systems
- operation, characteristics and limitations of specialist tools and equipment
- egress system test procedures
- safety precautions associated with explosive components
- requirements for handling and disposal of explosive components
- general WHS procedures for egress system maintenance, including applicable PPE
- how to obtain and apply material safety data sheets (MSDSs).
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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 in maintaining aircraft egress systems. 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 maintaining aircraft egress systems
 - materials, tools and equipment specified in the maintenance manuals and applicable procedures
 - facilities and resources used in the storage, distribution or maintenance of explosive ordnance, including a licensed explosive site
 - general and special-purpose tools and items of ground support equipment required for maintaining aircraft egress systems.

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>