



Australian Government

Assessment Requirements for MEAARM0002 Remove and install aircraft stores management system components

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 MEA602 Remove and install aircraft stores management system components.

Performance Evidence

Performance Evidence

There must be evidence the candidate has completed all the tasks outlined in elements and performance criteria of this unit, and demonstrated the ability to:

- remove and install aircraft stores management system (SMS) components during scheduled or unscheduled maintenance on multiple different system reconfiguration (removal- and installation-related) tasks involving the following SMS components:
 - mission computer
 - armament computer
 - encoder/decoder
 - control unit
 - head-up display (HUD)
 - multifunction display (MFD)
- for the components being worked on:
 - verify the reconfiguration task to be completed by identifying each of:
 - maintenance restrictions
 - aircraft tail number
 - aircraft entered as unserviceable
 - nil stores fitted
 - check at least one of the following safety device types:
 - earth lead
 - aircraft safety pins
 - aircraft switches
 - check at least one of the following firing device types:
 - stores release cartridges
 - chaff and flares
 - gun system
 - missiles
 - loaded stores

- demonstrate explosive ordnance safety and handling and manual handling of SMS components
- apply organisational safety requirements and appropriate legislative and regulatory requirements
- test the operation of the systems and components being worked on.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the aircraft operating and maintenance environment
- aircraft SMS and interfaces with other aircraft systems
- work health and safety (WHS) procedures and policies for aircraft SMS components
- explosive ordnance safety and handling procedures
- technical publications and manuals, including:
 - aircraft publications
 - maintenance instruction manuals and process specifications
 - servicing or service bulletins or structural repair manuals
 - illustrated parts catalogues, aircraft wiring manuals or drawings
 - tooling, equipment or manufacturer's manuals
 - standard practices
 - enterprise aviation regulations and publications
- hardware and component attachment methods
- aircraft SMS and component testing requirements
- technical documentation procedures, including:
 - EE500 maintenance form
 - Computer-Aided Maintenance Management (CAMM2) system documents
 - SMS documentation.
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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 in removing and installing aircraft SMS components. 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 removing and installing aircraft SMS component
 - tools and equipment specified in the maintenance manuals and applicable procedures
 - general and special-purpose tools and ground support equipment.

Evidence of tasks demonstrating competency must be recorded in the Log of Industrial Experience and Achievement or an equivalent industry evidence guide.

In addition, assessment methods may include questioning and observations in operational or simulated environments.

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>