



Australian Government

MEACOM0040 Assess aviation maintenance spares and manage repairable items

Release: 1

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Modification History

Release 1. Application changed. Foundation Skills made explicit. Assessment Requirements clarified. Supersedes and is equivalent to MEA161 Assess aviation maintenance spares and manage repairable items.

Application

This unit describes the skills and knowledge required to apply integrated logistic support (ILS) procedures when assessing spares and managing repairable items, including aircraft and mechanical and avionic items of aeronautical product. Work may be performed individually or as part of a team.

The unit applies to scheduled and unscheduled maintenance.

The unit is used in workplaces that operate under the airworthiness regulatory systems of the Civil Aviation Safety Authority (CASA) and the Defence Aviation Safety Authority (DASA).

Any other relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

MEACOM0022 Use computers in aviation maintenance-related integrated logistic support activities

Competency Field

Integrated logistic support

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Assess spares	1.1 Identify and apply organisational spares assessment and supply information systems 1.2 Monitor maintenance data, spares usage data and trends, and vary required holdings of spares as required 1.3 Identify problems in spares availability, and determine strategies to resolve them 1.4 Determine the need for suitable substitute parts and, if parts are

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	needed, obtain required engineering approvals according to applicable regulations and organisational policies and procedures 1.5 Identify acceptable sources of substitute parts and specify requirements for documentation, according to regulatory requirements and organisational policies and procedures 1.6 Observe configuration management (CM) requirements when assessing spares 1.7 Provide data required for input to ILS records where applicable
2. Manage repairable items	2.1 Monitor maintenance and reliability data and propose changes to maintenance programs where necessary 2.2 Raise documentation to allocate repairable items to maintenance facilities according to contractual requirements and organisational policies and procedures 2.3 Specify specific investigation or additional maintenance requirements 2.4 Provide data required for input to ILS records where applicable

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Technology skills to use software packages relevant to assessing spares and managing repairable items.
- Reading skills to interpret organisation and regulatory requirements.
- Oral communication skills to work effectively with others.
- Written communication skills complete workplace documentation.
- Numeracy skills to interpret and prepare data.
- Learning skills to identify and address problems.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Release 1. Supersedes and is equivalent to MEA161 Assess aviation maintenance spares and manage repairable items.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371>