



Australian Government

MEACOM0023 Perform aviation maintenance-related integrated logistic support management activities

Release: 1

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Modification History

Release 1. Application changed. Elements and Performance Criteria changed. Foundation Skills made explicit. Assessment Requirements clarified. Supersedes and is equivalent to MEA139 Perform aviation maintenance-related integrated logistic support management activities.

Application

This unit describes the skills and knowledge required to apply integrated logistic support (ILS) elements and related data management and analysis tools in the maintenance-related management and support of systems throughout their life of type. This includes support of scheduled and unscheduled maintenance on aircraft, aircraft systems, avionics systems, and items of aeronautical product. Work may be performed individually or as part of a team.

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

Nil.

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. Maintain logistic support analysis plans	1.1 Review logistic support analysis (LSA) plans in line with trends in system supportability and affordability 1.2 Propose revisions to LSA plans
2. Perform life cycle cost analysis	2.1 Identify actual and anticipated costs through to life of type 2.2 Analyse cost data

Elements	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
3. Establish and maintain baselines for reliability, availability and maintainability (RAM)	3.1 Gather data on in-service RAM 3.2 Review data against established baselines and initiate action to deal with deviations from established baselines
4. Revise LSA record data	4.1 Analyse LSA parameters using current data 4.2 Enter analysis results in the LSA record
5. Manage data	5.1 Develop and manage technical data management system according to contractual and regulatory requirements 5.2 Monitor relevance of technical data and initiate amendment action where necessary 5.3 Apply and support logistic support management information systems

Foundation Skills

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

- Reading skills to interpret plans
- Written and oral communication skills to communicate logistic support management analysis.
- Numeracy skills to interpret data and perform calculations.

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

Unit Mapping Information

Release 1. Supersedes and is equivalent to MEA139 Perform aviation maintenance-related integrated logistic support management activities.

Links

Companion Volume implementation guides are found in VETNet -

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