



Australian Government

**MEA139 Perform aviation
maintenance-related integrated logistic
support management activities**

Release: 2

MEA139 Perform aviation maintenance-related integrated logistic support management activities

Modification History

Release 2. Equivalent to MEA139 Perform aviation maintenance-related integrated logistic support management activities. Updated to meet training package policy requirements.

Application

This unit of competency 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 Australian Defence Force (ADF) and the Civil Aviation Safety Authority (CASA).

This unit forms part of the CASA requirement for maintenance certification licences under Civil Aviation Safety Regulation (CASR) Part 66. Where a CASA licensing outcome is sought, users must refer to the licensing provisions in the MEA Aeroskills Companion Volume Implementation Guide.

Pre-requisite Unit

Nil.

Competency Field

Integrated logistic support

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1. Maintain logistic support analysis plans

2. Perform life cycle cost

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Review logistic support analysis (LSA) plans in line with trends in system supportability and affordability

1.2 Propose revisions to LSA plans

2.1 Identify actual and anticipated costs through to life of type

ELEMENTS	PERFORMANCE CRITERIA
analysis	2.2 Analyse cost data
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

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

Unit Mapping Information

Release 2. Equivalent to MEA139 Perform aviation maintenance-related integrated logistic support management activities.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371>