



**Australian Government**

**MEA107 Interpret and use aviation  
maintenance industry manuals and  
specifications**

**Release: 2**

# MEA107 Interpret and use aviation maintenance industry manuals and specifications

## Modification History

Release 2. Equivalent to MEA107 Interpret and use aviation maintenance industry manuals and specifications. Updated to meet training package policy requirements.

## Application

This unit of competency describes the skills and knowledge required to use and interpret industry manuals, specifications and drawings used in the maintenance and manufacture of aircraft and aircraft components, under routine supervision, during scheduled and unscheduled maintenance. Work may be performed individually or as part of a team.

The unit applies to on-aircraft and workshop-related aviation maintenance activities. The interpretation and use of manuals is required to supplement understanding of the structure and regulatory requirements associated with the aircraft maintenance environment in this area. 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

Aviation maintenance

## Elements and Performance Criteria

### ELEMENTS

Elements describe the essential outcomes.

1. Identify and access industry manuals, specifications and drawing

### PERFORMANCE CRITERIA

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

- 1.1 Identify and access manuals and drawings appropriate to type of aircraft or component to be maintained
- 1.2 Establish amendment status to ensure correct specifications and procedures are applied

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|----|--|-----|--|
| 2. | Interpret information required for aviation maintenance activity | 2.1 | Locate relevant chapter or section of manual or drawing that relates to maintenance work to be carried out   |
|    |  | 2.2 | Analyse information and determine procedures to be followed during activity  |
| 3. | Apply information during aviation maintenance activity           | 3.1 | Based on manual or specification procedures, identify required work steps to be followed   |
|    |  | 3.2 | Analyse required sequencing and adjustments according to information in industry manuals and specifications  |
| 4. | Amend and store manuals, specifications and drawings             | 4.1 | Incorporate and document manual, specification or drawing changes and/or amendments according to statutory regulations and organisational procedures |
|    |  | 4.2 | Store manuals, specifications and drawings according to regulatory and organisational procedures   |

## 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 MEA107 Interpret and use aviation maintenance industry manuals and specifications.

## Links

Companion Volume implementation guides are found in VETNet -

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