



Australian Government

MEA358 Re-cover aircraft fabric surfaces

Release: 1

MEA358 Re-cover aircraft fabric surfaces

Modification History

Release 1 - New unit of competency

Application

This unit of competency requires application of hand skills, knowledge of fabric surfaces and maintenance publications to re-cover aircraft fabric surfaces and apply correct finishing schemes during the performance of scheduled or unscheduled maintenance. Maintenance may be performed individually or as part of a team.

Applications include aircraft and aircraft components that are covered with fabric.

The unit is part of the Mechanical Certificate IV (Aircraft Maintenance Stream) training pathway.

Where a Civil Aviation Safety Authority (CASA) licensing outcome is sought this unit forms part of the CASA requirement for the granting of the chosen maintenance certification licence under Civil Aviation Safety Regulation (CASR) Part 66, in accordance with the licensing provisions in the Companion Volume Implementation Guide.

Pre-requisite Unit

Competency Field

Aviation maintenance

Unit Sector

Elements and Performance Criteria

Elements describe the essential outcomes.

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

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|--------------------------------------|---|
| 1. Re-cover aircraft fabric surfaces | 1.1 Required covering materials and methods are determined from maintenance manual and/or approved data |
| | 1.2 Required finishing scheme is determined from maintenance manual and/or approved data |
| | 1.3 Materials and equipment required are organised |
| | 1.4 Necessary structure and system inspection and preparation prior to covering is correctly performed |

- while observing all relevant work health and safety (WHS) requirements, including the use of material safety data sheets (MSDS) and items of personal protective equipment (PPE)
- 1.5 Fabric covering is correctly fabricated and attached to the structure
 - 1.6 Drainage holes are correctly created
 - 1.7 Applicable finishing scheme is correctly applied while observing all relevant WHS requirements, including the use of MSDS and items of PPE
 - 1.8 Components are adjusted and/or re-balanced, where necessary, to operate within prescribed specifications
 - 1.9 Required maintenance/repair documentation is completed and processed in accordance with standard enterprise procedures
 - 1.10 Where required repaired components or assemblies are tagged, sealed and packaged or cradled in accordance with specified procedures

Foundation Skills

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

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Procedures and requirements include:

- Industry standard procedures specified by manufacturers, regulatory authorities or the enterprise

Unit Mapping Information

Release 1 – equivalent to MEA358A Re-cover aircraft fabric surfaces

Links

Companion Volume implementation guides are found in VETNet -

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