



**Australian Government**

**MEA436 Inspect, repair and modify  
non-primary structure components in  
aircraft cabins and cockpits**

**Release: 1**

# MEA436 Inspect, repair and modify non-primary structure components in aircraft cabins and cockpits

## Modification History

Release 1. Equivalent to MEA419 Inspect and repair/modify aircraft cabin/cockpit non-primary structure components. Revised as a result of changed prerequisites. Unit codes updated.

## Application

This unit of competency describes the skills and knowledge required to inspect non-primary metallic and non-metallic structure components in aircraft cabins and cockpits for damage, and to repair the components. It requires the application of hand skills and the use of maintenance publications. Work may be performed individually or as part of a team.

The unit applies to fixed and rotary wing aircraft cabins and cockpits during scheduled and unscheduled maintenance. It 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 Civil Aviation Safety Authority (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

MEA154 Apply work health and safety practices in aviation maintenance

## Competency Field

Aviation maintenance

## Elements and Performance Criteria

### ELEMENTS

Elements describe the essential outcomes.

1. Inspect for damage to aircraft cabin/cockpit non-primary structure metallic and non-metallic

### PERFORMANCE CRITERIA

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

- 1.1 Visually inspect metallic and/or non-metallic components for damage
- 1.2 Determine extent of damage and confirm it is within repair

## ELEMENTS

## PERFORMANCE CRITERIA

components	limits
2. Prepare to perform routine repairs and minor modifications to aircraft cabin/cockpit non-primary structure metallic and non-metallic components	<p>2.1 Determine applicable metallic or non-metallic repair scheme according to maintenance documentation and standard organisational procedures</p> <p>2.2 Obtain modification instructions according to standard organisational procedures</p> <p>2.3 Select required materials and equipment and organise them according to organisational procedures and requirements for maintenance documentation</p>
3. Perform routine repairs and minor modifications to aircraft cabin/cockpit non-primary structure metallic components	<p>3.1 Perform component repairs and minor modifications using aircraft standard practices and according to work health and safety (WHS) requirements and approved repair scheme or modification instructions</p> <p>3.2 Clean work area of waste material</p> <p>3.3 Make minor adjustments where necessary for components to operate within prescribed specifications</p>
4. Perform routine repairs and minor modifications to aircraft cabin/cockpit non-primary structure non-metallic components	<p>4.1 Perform non-metallic component repairs and minor modifications using aircraft standard practices and process requirements, and according to WHS requirements and approved repair scheme or modification instructions</p> <p>4.2 Clean work area of all waste material</p> <p>4.3 Make minor adjustments where necessary for components to operate within prescribed specifications</p>
5. Complete routine repair and minor modification activities	<p>5.1 Complete and process required documentation according to standard organisational procedures</p> <p>5.2 Tag, seal and package repaired components or assemblies according to specified procedures, where required</p>

## Foundation Skills

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

## **Unit Mapping Information**

Release 1. Equivalent to MEA419 Inspect and repair/modify aircraft cabin/cockpit non-primary structure components.

## **Links**

Companion Volume implementation guides are found in VETNet -

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