



Australian Government

MEAA VI0059 Fit avionic modification sheet metal components

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 MEA290 Fit avionic modification sheet metal components.

Application

This unit describes the skills and knowledge required to apply hand skills and use maintenance publications and modification documentation to perform sheet metal work associated with avionic modifications on small fixed and rotary wing aircraft during scheduled or unscheduled maintenance. 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

MEA107 Interpret and use aviation maintenance industry manuals and specifications

MEA154 Apply work health and safety practices in aviation maintenance

MEA155 Plan and organise aviation maintenance work activities

MEA156 Apply quality standards during aviation maintenance activities

MEA157 Complete aviation maintenance industry documentation

MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance

Competency Field

Aviation maintenance

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. Prepare to fit avionic modification sheet metal components	<p>1.1 Identify sheet metal components to be fitted, in accordance with modification instructions and maintenance documentation</p> <p>1.2 Select and organise all required materials and equipment in accordance with the applicable modification instructions and</p>

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	maintenance documentation
2. Fit avionic modification sheet metal components	<p>2.1 Fit sheet metal components in accordance with modification instructions, ensuring that aircraft standard practices and process requirements are carried out while observing all relevant work health and safety (WHS) requirements, including the use of material safety data sheets (MSDS) and personal protective equipment (PPE)</p> <p>2.2 Clean work area of all waste material in accordance with standard enterprise procedures</p> <p>2.3 Complete and process required documentation in accordance with standard enterprise procedures</p>

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 modification instructions, maintenance manuals and general maintenance information.
- Writing skills to record and report on modification activities.
- Numeracy skills to interpret technical information.

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

Unit Mapping Information

Release 1. Supersedes and is equivalent to MEA290 Fit avionic modification sheet metal components.

Links

Companion Volume implementation guides are found in VETNet -

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