



Australian Government

MEA208 Remove and install aircraft pressurisation control system components

Release: 1

MEA208 Remove and install aircraft pressurisation control system components

Modification History

Release 1 - New unit of competency

Application

This unit of competency requires application of hand skills and the use of maintenance documentation/publications in the removal and installation of pressurisation control system components of fixed wing aircraft that have pressurisation systems, during scheduled or unscheduled maintenance. Work may be performed individually or as part of a team.

The unit is part of the Avionic Certificate IV (Aircraft Maintenance Stream) training pathway and is also part of the Mechanical Aircraft Maintenance Engineer licensing pathway.

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).

Where a 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

MEA201 Remove and install miscellaneous aircraft electrical hardware/components

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. Remove pressurisation control system components | 1.1 System is rendered safe and prepared in accordance with the applicable maintenance manual and isolation tags are fitted, where necessary, to ensure personnel safety |
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- 1.2 Pressurisation control system component removal is carried out in accordance with the applicable maintenance manual while observing all relevant work health and safety (WHS) requirements
 - 1.3 Required maintenance documentation is completed and processed in accordance with standard enterprise procedures
 - 1.4 Removed components are tagged and packaged in accordance with specified procedures
2. Install aircraft pressurisation control system components
 - 2.1 Pressurisation control system components to be installed are checked to confirm correct part numbers, modification status, serviceability and shelf life
 - 2.2 Physical installation of pressurisation control components is performed in accordance with the applicable maintenance manual
 - 2.3 System is reinstated to correct operational condition in preparation for testing, as necessary
 - 2.4 Required maintenance documentation is completed and processed in accordance with standard enterprise 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 MEA208C Remove and install aircraft pressurisation control system components

Links

Companion Volume implementation guides are found in VETNet -

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