



Australian Government

MEALSU0004 Maintain and fit oxygen masks

Release: 1

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Modification History

Release 1. Application changed. Elements and Performance Criteria changed. Foundation Skills made explicit. Range of Conditions removed, and relevant information moved to Assessment Requirements. Assessment Requirements clarified. Supersedes and is equivalent to MEA504 Maintain and fit oxygen masks.

Application

This unit describes the skills and knowledge required to maintain and fit oxygen masks worn by aircrew. Maintenance involves inspection, testing, fault diagnosis, parts replacement, cleaning and functional testing. Work may be performed individually or as part of a team. Fitting involves adjusting the oxygen mask to correctly fit an individual (oxygen masks are not issued off-the-shelf).

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

MEA118 Conduct self in the aviation maintenance environment

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

MEA295 Use electrical test equipment to perform basic electrical tests on aircraft and components

Competency Field

Aircraft life support

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.

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1. Maintain oxygen mask	1.1 Inspect oxygen mask for serviceability in accordance with standard procedures 1.2 Test oxygen mask for serviceability in accordance with standard procedures and manufacturer's specifications 1.3 Report identified faults beyond own authority to rectify to supervisor and quarantine faulty oxygen mask 1.4 Replace unserviceable parts of the oxygen mask in accordance with standards procedures 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 Test communication system components in accordance with standard procedures 1.6 Clean oxygen mask in accordance with standard procedures 1.7 Present oxygen mask for inspection by supervisor in accordance with standard procedures 1.8 Complete and process maintenance documentation in accordance with standard enterprise procedures
2. Fit oxygen mask	2.1 Explain fitting process to participant to achieve optimal fit 2.2 Measure participant to select appropriate size oxygen mask based on available information 2.3 Adjust components of oxygen mask to optimise fit 2.4 Confirm integration of oxygen mask and helmet for correct function during operations 2.5 Verify oxygen mask fit from participant and supervisory feedback 2.6 Complete and process relevant fitting-related documentation in accordance with standard enterprise procedures

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 a wide range of procedures and manuals.
- Numeracy skills to interpret technical information.

- Writing and oral communication skills to explain the fitting process and complete documentation.

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

Unit Mapping Information

Release 1. Supersedes and is equivalent to MEA504 Maintain and fit oxygen masks.

Links

Companion Volume implementation guides are found in VETNet -

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