



Australian Government

MEALSU0012 Maintain and pack survival inflatable life rafts

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 MEA513 Maintain and pack survival inflatable life rafts.

Application

This unit describes the skills and knowledge required to maintain and pack survival inflatable life rafts. Maintenance involves inspection, testing, fault diagnosis, parts replacement and cleaning during scheduled or unscheduled maintenance. Work may be performed individually or as part of a team.

The unit applies to a range of types of survival inflatable life raft. It does not include repairing life rafts.

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

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.
1. Maintain survival	1.1 Inspect survival inflatable life raft and associated ancillary

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inflatable life raft	equipment for serviceability in accordance with standard procedures 1.2 Report identified faults beyond own authority to rectify to supervisor, and quarantine faulty survival inflatable life raft and ancillary equipment 1.3 Replace unserviceable parts of the survival inflatable life raft and ancillary equipment items in accordance with standard procedures while observing all relevant work health and safety (WHS) requirements, including the use of material safety data sheets (MSDSs) and items of personal protective equipment (PPE) 1.4 Test survival inflatable life raft for serviceability in accordance with standard procedures and manufacturer's specifications 1.5 Clean survival inflatable life raft in accordance with standard procedures 1.6 Present survival inflatable life raft for inspection by supervisor in accordance with standard procedures 1.7 Complete and process maintenance documentation in accordance with standard enterprise procedures 1.8 Clean and perform required maintenance on equipment and tools used in accordance with standard enterprise procedures
2. Pack survival inflatable life raft	2.1 Pack survival inflatable life raft for use in accordance with standard procedures 2.2 Pack ancillary equipment for use in accordance with standard procedures 2.3 Present survival inflatable life raft for inspection by supervisor in accordance with standard enterprise procedures 2.4 Complete and process relevant 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 maintenance manuals and procedures.
- Numeracy skills to interpret technical information.

- Writing skills to 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 MEA513 Maintain and pack survival inflatable life rafts.

Links

Companion Volume implementation guides are found in VETNet -

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