



Australian Government

Assessment Requirements for MEA512 Maintain general aviation recovery devices with ballistic parachute systems

Release: 2

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Modification History

Release 2. Equivalent to MEA512 Maintain general aviation recovery devices with ballistic parachute systems with amended prerequisite codes.

Performance Evidence

Evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria under the specified conditions of assessment, and must include:

- applying hand skills and using maintenance data to inspect ballistic parachute systems
- using aircraft maintenance records to confirm the remaining installed life of ballistic parachute systems
- observing explosive ordnance handling safety precautions and maintenance data to:
 - disconnect the rocket and remove the ballistic parachute system
 - install the ballistic parachute system and connect the operating cable to the rocket.

It is essential that the relevant procedures are interpreted and applied to ensure quality and safety standards are achieved.

Evidence of transferability of skills and knowledge related to maintenance is essential. This shall be demonstrated through application across a number of ballistic parachute systems.

Knowledge Evidence

Evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- ballistic parachute:
 - operation
 - hazards and safety precautions
 - parachute and rocket installed lives
 - maintenance data
- completion of an approved GARD system maintenance course that includes coverage of ballistic parachute systems.

Assessment Conditions

- Competency should be assessed in the work environment or simulated work environment using tools and equipment specified in maintenance documentation. It is also expected that general-purpose tools and test equipment found in most routine situations would be used where appropriate.

- Ability to assess system serviceability and interpret remaining installed life will be necessary before undertaking any action. The work plan should take account of applicable safety and quality requirements in accordance with the industry and regulatory standards.
- The following conditions of assessment represent the requirements of CASA and maintenance stakeholders and must be rigorously observed.
- A person cannot be assessed as competent until it can be demonstrated to the satisfaction of the workplace assessor that an approved maintenance course has been successfully completed and the relevant elements and the performance criteria of the unit of competency are being achieved under routine supervision on the ballistic parachute systems maintained by the organisation.
- This shall be established via the records in the Log of Industrial Experience and Achievement or, where appropriate, an equivalent Industry Evidence Guide (for details refer to the Companion Volume Assessment Guidelines).
- CAO 100.5 requires that training be delivered in the form of a maintenance course approved by a CAR 30 or CASR Part 145 maintenance organisation. Evidence of course completion forms part of the assessment criteria.
- Assessors must satisfy the requirements of the National Vocational Education and Training Regulator (Australian Skills Quality Authority, or its successors).

Links

Companion Volume implementation guides are found in VETNet -

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