

Title	Maintain or repair parachute assemblies and associated equipment		
Level	4	Credits	15

Purpose	People credited with this unit standard are able to: prepare to repair or maintain parachute assemblies and associated equipment; assess repair or maintenance requirements of parachute assemblies and associated equipment; restore the airworthiness of parachute assemblies and associated equipment; and complete repair or maintenance tasks relating to parachute assemblies and associated equipment.
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Classification	Aeronautical Engineering > Aircraft Furnishings and Equipment
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Available grade	Achieved
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Guidance Information

- 1 All tasks must be carried out in accordance with enterprise procedures.
- 2 Definition
Enterprise procedures – procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.
- 3 The scope of the system that this standard relates to is described in ATA iSpec 2200, chapter 25.
- 4 Maintenance and repair activities are those usually carried out in a specialist bay or workshop.

Outcomes and performance criteria

Outcome 1

Prepare to repair or maintain parachute assemblies and associated equipment.

Performance criteria

- 1.1 Task is determined by reviewing maintenance documentation and enterprise procedures.
- 1.2 Parachute assembly and associated equipment identity is confirmed with documentation by comparing serial and part numbers.

- 1.3 Work area is prepared, and resources obtained and checked for serviceability or status.

Range may include but is not limited to – publications, materials, tools, equipment, safety equipment.

Outcome 2

Assess repair or maintenance requirements of parachute assemblies and associated equipment.

Performance criteria

- 2.1 Parachute assembly and associated equipment serviceability is determined.

Range clean, inspect, locate defects, assess limits for repair, assess economics of repair or maintenance.

- 2.2 Defects are reported and documented.

Outcome 3

Restore the airworthiness of parachute assemblies and associated equipment.

Performance criteria

- 3.1 Methods of rectifying defects are determined.

- 3.2 Replacement parts are procured and verified as authentic and serviceable.

Range identify, inspect.

- 3.3 Defects are rectified.

Range may include but is not limited to – repair, replace, modify, adjust, rig, sequence check.

- 3.4 Inspections are obtained.

Outcome 4

Complete repair or maintenance tasks relating to parachute assemblies and associated equipment

Performance criteria

- 4.1 Equipment is checked for serviceability and returned to service or storage.

Range may include but is not limited to – tools, equipment, safety equipment.

4.2 Leftover parts and materials are disposed of.

Range may include but is not limited to – serviceable, unserviceable, surplus, waste, scrap, hazardous.

4.3 Documentation is completed.

4.4 Completion activities specific to the task and work area are carried out.

Range may include but is not limited to – tool control, cleanliness, tidiness, return of publications, preparation for next activity.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 June 1995	31 December 2016
Revision	2	7 August 1997	31 December 2016
Revision	3	8 May 2001	31 December 2016
Review	4	20 April 2006	31 December 2016
Review	5	24 October 2014	31 December 2022
Review	6	23 July 2020	N/A

Consent and Moderation Requirements (CMR) reference	0028
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact ServiceIQ qualifications@serviceiq.org.nz if you wish to suggest changes to the content of this unit standard.