

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 are 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 2027
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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
Rollover and Revision	7	26 April 2024	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 Ringa Hora Services Workforce Development Council qualifications@ringahora.nz if you wish to suggest changes to the content of this unit standard.