

Title	Maintain inflatable aeronautical safety equipment		
Level	4	Credits	15

Purpose	People credited with this unit standard are able to: prepare to maintain inflatable aeronautical safety equipment; locate defects in inflatable aeronautical safety equipment; restore inflatable aeronautical safety equipment airworthiness; and complete finishing activities related to the maintenance of inflatable aeronautical safety 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 Safety equipment may include life jackets, escape slides, life rafts, associated components.

Outcomes and performance criteria

Outcome 1

Prepare to maintain inflatable aeronautical safety equipment.

Performance criteria

- 1.1 Task is determined by reviewing maintenance documentation and enterprise procedures.
- 1.2 Work area is prepared, and resources are obtained and checked for serviceability or status.

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

1.3 Equipment identity is matched with documentation.

1.4 Item is prepared for maintenance task.

Range unpack, safety locking pins fitted and removed.

Outcome 2

Locate defects in inflatable aeronautical safety equipment.

Performance criteria

2.1 Equipment serviceability is determined.

Range inspect, assess, test.

2.2 Defects are reported and documented.

Outcome 3

Restore inflatable aeronautical safety equipment airworthiness.

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 Equipment defects are rectified.

Range may include but is not limited to – repair, replace, modify, adjust, lubricate.

3.4 Equipment is tested to verify serviceability.

Range functionally test, document adjustments and performance.

3.5 Equipment is packed.

3.6 Inspections are obtained.

Range independent, duplicate, progressive.

Outcome 4

Complete finishing activities related to the maintenance of inflatable aeronautical safety equipment.

Performance criteria

- 4.1 Equipment is prepared.
- Range may include but is not limited to – use, storage, transit, locking, inhibiting, packing, shelf-life requirement.
- 4.2 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.
- 4.3 Resources are checked for serviceability and returned to service or storage.
- Range may include but is not limited to – tools, equipment, safety equipment.
- 4.4 Leftover parts and materials are disposed of.
- Range may include but is not limited to – serviceable, unserviceable, surplus, waste, scrap, hazardous.
- 4.5 Documentation is completed.

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 June 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.