

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 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 June 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.