

Title	Repair or overhaul aircraft crew escape system components		
Level	4	Credits	25

Purpose	People credited with this unit standard are able to: prepare to repair or overhaul aircraft crew escape system components; repair or overhaul aircraft crew escape system components; and complete tasks related to the repair or overhaul of aircraft crew escape system components.
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Classification	Aeronautical Engineering > Aeronautical Armament
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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.

Outcomes and performance criteria

Outcome 1

Prepare to repair or overhaul aircraft crew escape system components.

Performance criteria

- 1.1 Task is determined by reviewing maintenance documentation and manuals.
- 1.2 Component serial and part numbers are matched with documentation.
- 1.3 Resources are obtained and checked for serviceability or status.

Range	may include but is not limited to – manuals, materials, tools, equipment, safety equipment, work area selected for task, prepared and cleaned.
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1.4 Component defects are located prior to disassembly.

Range any explosives removed, components inspected, troubleshooting carried out, economics of carrying out repair or overhaul assessed.

Outcome 2

Repair or overhaul aircraft crew escape system components.

Performance criteria

2.1 Components are disassembled.

Range cleaned, inspected, labelled, preserved, segregated.

2.2 Defects found during disassembly are reported and/or recorded.

2.3 Rectification action is determined, confirmed, and recorded.

Range repair, overhaul, replace, modify, adjust, scrap; confirmation of action to be taken obtained from supervisor, action to be taken recorded.

2.4 Replacement parts are procured and verified as authentic and serviceable.

Range identify, inspect.

2.5 Crew escape system component defects are rectified.

Range systems – ejection seat, command and initiator.

2.6 Components are assembled.

2.7 Components are tested and adjusted.

Range functionally tested, calibrated and/or adjusted, adjustments and/or performance recorded.

2.8 Supervisory inspections are obtained.

Outcome 3

Complete tasks related to the repair or overhaul of aircraft crew escape system components.

Performance criteria

3.1 Components are prepared.

Range may include but is not limited to – use, storage, transit, locked, inhibited, blanked, packed.

3.2 Resources are checked for serviceability and returned to service or storage.

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

3.3 Leftover parts and materials are disposed of in.

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

3.4 Documentation is completed.

Range may include but is not limited to – labels, work orders, logbooks, shelf-life requirements recorded, certification obtained.

3.5 Work area is left in a clean and tidy state.

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 October 2000	31 December 2016
Review	2	26 March 2007	31 December 2016
Review	3	24 October 2014	31 December 2022
Review	4	27 August 2020	N/A
Rollover and Revision	5	27 June 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.