

Title	Maintain or repair aircrew flying clothing and associated equipment		
Level	4	Credits	15

Purpose	People credited with this unit standard are able to: prepare to maintain or repair aircrew flying clothing and associated equipment; locate defects in aircrew flying clothing and associated equipment; maintain or repair aircrew flying clothing and associated equipment; test and adjust aircrew flying clothing and associated equipment; and complete finishing activities related to the maintenance or repair of aircrew flying clothing 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.
- 5 Flying clothing and associated equipment may include overalls, helmets, oxygen masks.

Outcomes and performance criteria

Outcome 1

Prepare to maintain or repair aircrew flying clothing and associated equipment.

Performance criteria

1.1 Task is determined by reviewing maintenance documentation and enterprise procedures.

Range confirm fault, repair, maintain, modify.

1.2 Item 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.

1.4 Item is prepared for maintenance or repair.

Range clean, inspect, assess economics of carrying out maintenance or repair.

1.5 Next task is determined and documented.

Range may include but is not limited to – locate defects, repair, maintain, test, adjust, complete the task.

Outcome 2

Locate defects in aircrew flying clothing and associated equipment.

Performance criteria

2.1 Defects are located using troubleshooting techniques appropriate to the defect indications.

2.2 Defects are reported and documented.

Outcome 3

Maintain or repair aircrew flying clothing and associated equipment.

Performance criteria

3.1 Item is disassembled.

Range clean, label, preserve, segregate.

3.2 Defects found during disassembly are reported and recorded.

Range may include but is not limited to – inspection using standards, specifications, and precision measuring equipment.

- 3.3 Rectification action is determined and documented.
- 3.4 Replacement parts are procured and verified as authentic and serviceable.
Range identify, inspect.
- 3.5 Defects are rectified.
Range repair, replace, modify, adjust.
- 3.6 Item is assembled.
- 3.7 Inspections are obtained.
Range independent, duplicate, progressive.

Outcome 4

Test and adjust aircrew flying clothing and associated equipment.

Performance criteria

- 4.1 Item is prepared for testing.
- 4.2 Item is tested and adjusted.
Range may include but is not limited to – troubleshoot, functionally test, calibrate, adjust, document adjustments and performance.
- 4.3 Inspections are obtained.
Range independent, duplicate, progressive.

Outcome 5

Complete finishing activities related to the maintenance or repair of aircrew flying clothing and associated equipment.

Performance criteria

- 5.1 Item is prepared.
Range may include but is not limited to – use, storage, transit, locking, packing, shelf-life requirement.
- 5.2 Completion activities specific to the task and work area are carried out.
Range may include but are not limited to – tool control, cleanliness, tidiness, return of publications, preparation for next activity.

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

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

5.4 Leftover parts and materials are disposed of.

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

5.5 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.