

Title	Assemble and disassemble aircraft missiles		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to: prepare to assemble aircraft missiles; assemble aircraft missiles; disassemble aircraft missiles; and complete tasks related to the assembly and disassembly of aircraft missiles.
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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.
- 3 Evidence produced for assessment purposes can be from air-to-air and/or air-to-ground types of missile.

Outcomes and performance criteria

Outcome 1

Prepare to assemble aircraft missiles.

Performance criteria

- 1.1 Task is determined by reviewing maintenance documentation and manuals.
- 1.2 Resources are obtained and checked for serviceability or status.

Range publications, tools, equipment, safety equipment, role equipment, weapons preparation area and/or building authorised and licensed, safety devices fitted, hazard division and fire-fighting symbols displayed, transportation arranged.
- 1.3 Support equipment is positioned.

- 1.4 Hazard of Electromagnetic Radiation to Ordnance (HERO) procedures are reviewed and implemented.
- 1.5 Constraints and restrictions are reviewed to ensure weapons are serviceable.
Range weapons inspected, constraints checked, restrictions checked.
- 1.6 Defects are reported and documented.

Outcome 2

Assemble aircraft missiles.

Performance criteria

- 2.1 Equipment and personnel are earthed and/or bonded.
- 2.2 Missiles, accessories, and role equipment are checked.
Range security and alignment of components, shorting pins and/or clips fitted, plugs, wires and safety devices fitted.
- 2.3 Missiles, accessories, and role equipment are assembled ready for use on aircraft.
- 2.4 Interference with prepared missiles is prevented.
- 2.5 Supervisory inspections are obtained.

Outcome 3

Disassemble aircraft missiles.

Performance criteria

- 3.1 Components are removed from missiles.
- 3.2 Role equipment is despatched to storage area with serviceability label attached.
- 3.3 Missiles are repackaged.
Range quantities reconciled, quantities and contents marked on container, containers sealed.
- 3.4 Supervisory inspections are obtained.

Outcome 4

Complete tasks related to the assembly and disassembly of aircraft missiles.

Performance criteria

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

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

4.2 Quantities of missiles are reconciled.

Range stocks – drawn, expended, returned.

4.3 Leftover parts and materials are disposed of.

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

4.4 Work area is left in a condition enabling the next task to begin.

4.5 Documentation is completed.

Range may include but is not limited to – labels, work orders, certification obtained.

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 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

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 ServicelQ qualifications@serviceiq.org.nz if you wish to suggest changes to the content of this unit standard.