

Title	Assemble and disassemble aircraft torpedoes		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to: prepare to assemble aircraft torpedoes; assemble aircraft torpedoes; disassemble aircraft torpedoes; and complete tasks related to the assembly and disassembly of aircraft torpedoes.
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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 assemble aircraft torpedoes.

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	may include but is not limited to – 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.
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- 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 torpedoes.

Performance criteria

2.1 Equipment and personnel are earthed and/or bonded.

2.2 Torpedoes, accessories, and role equipment are checked.

Range security and alignment of components; switch positions, barriers and shields in place, shorting pins and/or clips fitted; break ties, plugs, wires and safety devices fitted to weapons.

2.3 Torpedoes, accessories, and role equipment are assembled.

2.4 Interference with prepared torpedoes is prevented.

2.5 Supervisory inspections are obtained.

Outcome 3

Disassemble aircraft torpedoes.

Performance criteria

3.1 Components are removed from torpedoes.

3.2 Role equipment is despatched to storage area with serviceability label attached.

3.3 Torpedoes are repackaged.

Range exposed lives checked, quantities confirmed, 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 torpedoes.

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 torpedoes 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.