

Title	Assemble and disassemble practice and high-explosive aircraft bombs		
Level	4	Credits	5

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

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, weapons preparation area and/or building authorised and licensed, safety devices fitted, hazard division and firefighting 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 practice and high-explosive aircraft bombs.

Performance criteria

- 2.1 Personnel and equipment are earthed and/or bonded.
- 2.2 Bombs, accessories, and role equipment are checked.
Range security of components, alignment, switch positions, shorting pins and/or clips fitted, crutching of stores, break ties, plugs, wires and safety devices fitted to weapons.
- 2.3 Bombs, accessories, and role equipment are assembled.
- 2.4 Interference with fused bombs is prevented.
- 2.5 Supervisory inspections are obtained.

Outcome 3

Disassemble practice and high-explosive aircraft bombs.

Performance criteria

- 3.1 Components are removed from bombs after a mission.
- 3.2 Role equipment is despatched to storage area with serviceability label attached.
- 3.3 Bombs are repackaged.
Range exposed lives checked, quantities reconciled, quantities and contents marked on containers, containers sealed.
- 3.4 Supervisory inspections are obtained.

Outcome 4

Complete tasks related to the assembly and disassembly of practice and high-explosive aircraft bombs.

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 explosives 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.