

Title	Load and unload, and arm and disarm aircraft missiles		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to: prepare to load and unload, and arm and disarm aircraft missiles; load and unload aircraft missiles; and arm and disarm aircraft missiles; and complete tasks related to the loading and unloading and arming and disarming of aircraft missiles.
----------------	--

Classification	Aeronautical Engineering > Aeronautical Armament
-----------------------	--

Available grade	Achieved
------------------------	----------

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 load and unload, and arm and disarm 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 may include but is not limited to – publications, tools, equipment, safety equipment, signs and/or flags, ground support equipment and transportation arranged.
- 1.3 Missiles are stored before loading to and after unloading from aircraft.

1.4 Aircraft is prepared for loading and unloading.

Range may include but is not limited to – aircraft positioned in authorised loading and unloading area, and arming and disarming area; distance between aircraft checked; safe headings checked; chocks fitted; bonding attached; warning devices fitted and removed; Hazards of Electromagnetic Radiation to Ordnance (HERO) precautions implemented; signs and/or flags positioned; role equipment fitted and removed.

1.5 Armament system is tested using test equipment.

Outcome 2

Load and unload aircraft missiles.

Performance criteria

2.1 Missiles and associated equipment are inspected.

Range missiles, role equipment, racks, launchers, electrical connectors.

2.2 Missiles are loaded and unloaded.

Range manually and mechanically removed from and fitted to aircraft, secured to and released from transporter.

2.3 Missiles and aircraft role equipment are secured to and removed from aircraft.

Range may include but is not limited to – alignment checked, sway bracing adjusted, hook sear indicators checked, safety devices fitted and removed, electrical connectors connected and disconnected.

2.4 Weapon data is entered onto inventory and/or loading panels.

2.5 Supervisory inspections are obtained.

Outcome 3

Arm and disarm aircraft missiles.

Performance criteria

3.1 Weapon system is armed and disarmed.

Range clearance obtained from pilot, safety devices fitted and removed.

3.2 System status is indicated to pilot.

Outcome 4

Complete tasks related to the loading and unloading and arming and disarming of aircraft missiles.

Performance criteria

4.1 Defects are reported and documented.

Range armament system, weapons, support equipment and/or role equipment.

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

Range may include but is not limited to – tools, equipment, publications, safety equipment, signs and/or flags, ground support equipment and/or transportation.

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 Aircraft, system, and work area are left in a state that enables the next task to begin.

Range isolation tags attached or removed, external and internal warnings positioned and stowed, system switches and selectors set, power connected or disconnected, access panels closed, cleaned, tidied.

Planned review date	31 December 2025
----------------------------	------------------

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
--	------

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.