Title	**Load and unload, and arm and disarm aircraft countermeasure stores**
Level	4	**Credits**	4

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

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.

Outcomes and performance criteria

Outcome 1

Prepare to load and unload, and arm and disarm aircraft countermeasure stores.

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, signs and/or flags, ground support equipment and/or transportation arranged.

1.3   Weapons are stored before loading to and after unloading from aircraft.

1.4   Aircraft is prepared for loading and unloading and arming and disarming.

Range   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.

1.5   Countermeasure system is tested using test equipment.

Outcome 2

Load and unload aircraft countermeasure stores.

Performance criteria

2.1   Countermeasure system and associated equipment are inspected.

Range   dispenser, electrical connectors, load checked.

2.2   Countermeasure stores are loaded and unloaded.

2.3   Countermeasure stores are secured to and removed from aircraft.

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

2.5   Supervisory inspections are obtained.

Outcome 3

Arm and disarm aircraft countermeasure stores.

Performance criteria

3.1   Countermeasure system is armed and disarmed.

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

3.2   Causes of system malfunction are determined and reported.

3.3   System status is indicated to pilot.

3.4   Supervisory inspections are obtained.

Outcome 4

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

Performance criteria

4.1   Defects are reported and documented.

           Range   system, weapons, support equipment, 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 2027

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
Rollover and Revision	5	27 June 2024	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 Ringa Hora Services Workforce Development Council qualifications@ringahora.nz if you wish to suggest changes to the content of this unit standard.