

Title	Load and unload, and arm and disarm pintle mounted aircraft guns		
Level	4	Credits	4

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

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 – tools, equipment, publications, signs, flags, ground support equipment and/or transporter.
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- 1.3 Weapons are stored before loading and after unloading.

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; ground support equipment and/or transporter positioned.

Outcome 2

Load and unload pintle mounted aircraft guns.

Performance criteria

2.1 Gun system is inspected.

Range guns, magazines, magazine chutes, electrical connectors.

2.2 Gun ammunition is loaded and unloaded.

Outcome 3

Arm and disarm pintle mounted aircraft guns.

Performance criteria

3.1 System is armed and disarmed.

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

3.2 Jammed guns that could not be cleared by aircrew are cleared.

Range misfires, misfeeds, partial ejections.

Outcome 4

Complete tasks related to the loading and unloading and arming and disarming of pintle mounted aircraft guns.

Performance criteria

4.1 Defects are reported and documented.

Range armament system, guns, support 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, signs and/or flags, ground support equipment and/or transporter.

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