

Title	Maintain aircraft pintle mounted gun systems		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to: prepare to maintain aircraft pintle mounted gun systems; locate defects in pintle mounted gun systems; rectify defects in pintle mounted gun systems; and complete tasks related to maintenance of pintle mounted gun systems.
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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 maintain aircraft pintle mounted gun systems.

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 – manuals, tools, materials, safety equipment, support equipment.

1.3 System is prepared for maintenance.

Range system to be maintained matched with documentation, any explosives removed, access panels opened, system controls match component positions, isolation tags attached and removed, external and internal warnings signs in place, switches and selectors set, other aircraft systems in a state of readiness to receive power, support equipment positioned, clearances for any moving components checked, permission obtained to apply power, other personnel warned.

Outcome 2

Locate defects in pintle mounted gun systems.

Performance criteria

2.1 System serviceability is determined.

Range inspect, assess, test.

2.2 Defects are reported and documented.

Outcome 3

Rectify defects in pintle mounted gun systems.

Performance criteria

3.1 Methods of rectifying defects are determined.

3.2 Replacement parts are procured and verified as authentic and serviceable.

Range identify, inspect.

3.3 Defects are rectified.

Range repaired, replaced or modified, adjusted, lubricated.

3.4 System is tested to verify serviceability.

3.5 Supervisory inspections are obtained.

Outcome 4

Complete tasks related to maintenance of pintle mounted gun systems.

Performance criteria

4.1 System and work area are left in a state that enables the next task to begin.

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

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

Range may include but is not limited to – manuals, tools, safety equipment, support equipment.

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 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.