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| Title | Maintain aircraft weapons release systems | | |
| Level | 4 | Credits | 6 |

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| Purpose | People credited with this unit standard are able to: prepare to maintain aircraft weapons release systems; locate defects in aircraft weapons release systems; rectify defects in aircraft weapons release systems; and complete tasks related to the maintenance of aircraft weapons release 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 weapons release 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, support equipment positioned, safety devices fitted, isolation tags in place, system controls match component positions, external and internal warnings in place, system switches and selectors set, other systems in a state of readiness to receive power, clearances for moving components checked, permission obtained to apply power, other personnel warned, access panels opened.

Outcome 2

Locate defects in aircraft weapons release 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 aircraft weapons release 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 the maintenance of aircraft weapons release systems.

Performance criteria

4.1 Work environment is 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.

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| 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 |

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| 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.