

Title	Service a helicopter		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to: prepare to service a helicopter; service a helicopter; and complete finishing activities related to the servicing task.
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Classification	Aeronautical Engineering > Helicopter Maintenance
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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.
- 3 Servicing may include – pre and post flight checks, turnaround checks, visual inspections, component lubrication, cleaning windows, inflating and deflating tyres, connecting and disconnecting ground services, preventing foreign object damage.
- 4 Servicing tasks are those usually carried out on the ramp, flight line, or airfield.
- 5 Evidence for performance criterion 2.3 may be gathered under simulated conditions.

Outcomes and performance criteria

Outcome 1

Prepare to service a helicopter.

Performance criteria

- 1.1 Servicing task is determined by reviewing helicopter servicing documentation.
- 1.2 Resources are obtained and checked for serviceability or status.

Range may include but is not limited to – tools, materials, equipment, publications.

- 1.3 Helicopter to be serviced is identified by matching registration with servicing documentation.

Outcome 2

Service a helicopter.

Performance criteria

- 2.1 Helicopter is prepared for servicing.

Range doors and panels are opened and closed; blanks, locks and covers are removed, stowed and/or fitted; bonding leads; isolation tags are fitted, positioned, connected and/or disconnected; warning signs positioned.

- 2.2 Ground supply services are applied and removed.

- 2.3 Initial action to be taken on discovering a fire is demonstrated.

Range advise pilot and/or ground handling team and fire section, attempt to extinguish.

- 2.4 Helicopter is inspected for signs of damage, wear, and defects.

Range airframe, power plant; flight deck, cabin, cargo compartment; antennae; landing gear (wheels, tyres, and brakes if fitted); birds nest and loose article checks; hazardous material spillage, fuel contamination.

- 2.5 Helicopter is prepared for flight.

Range components lubricated, windows cleaned, tyres inflated or deflated where fitted, ground services connected and disconnected, foreign object damage prevented, role equipment removed and/or fitted.

- 2.6 Any defects are identified, located, and reported.

Outcome 3

Complete finishing activities related to the servicing task.

Performance criteria

- 3.1 Completion activities specific to the task and work area are carried out.

Range may include but is not limited to – tool control, cleanliness, tidiness, return of publications, preparation for next activity, return of helicopter and systems to normal.

3.2 Resources are checked and returned to service or storage.

Range tools, equipment, safety equipment.

3.3 Parts and materials are disposed of.

Range may include but is not limited to – serviceable, unserviceable, surplus, used, hazardous.

3.4 Servicing documentation is completed.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 June 1995	31 December 2016
Revision	2	7 August 1997	31 December 2016
Revision	3	8 May 2001	31 December 2016
Review	4	20 April 2006	31 December 2016
Review	5	18 June 2014	31 December 2021
Review	6	26 March 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 ServiceIQ qualifications@serviceiq.org.nz if you wish to suggest changes to the content of this unit standard.