

Title	Service fixed wing aircraft		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to: prepare to service fixed wing aircraft; service fixed wing aircraft; and complete activities related to servicing tasks.
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Classification	Aeronautical Engineering > Aircraft Servicing
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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 of fixed wing aircraft may include – pre- and post-flight checks, daily checks, visual inspections, component lubrication, snow and ice removal, cleaning windows, inflating and deflating tyres, connecting and disconnecting ground services, preventing foreign object damage.
- 4 Servicing tasks are those normally carried out on the ramp, flight line, or airfield.
- 5 The scope of the system that this standard relates to is described in ATA iSpec 2200, chapter 12.

Outcomes and performance criteria

Outcome 1

Prepare to service fixed wing aircraft.

Performance criteria

- 1.1 Servicing tasks are determined by reviewing aircraft servicing documentation.

1.2 Resources are obtained and checked for serviceability or status.

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

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

Outcome 2

Service fixed wing aircraft.

Performance criteria

2.1 Aircraft is prepared for servicing.

Range may include but is not limited to – doors and panels are opened or closed; blanks, locks, chocks and covers are removed, stowed, fitted; bonding and/or earthing leads are fitted; isolation tags are fitted, positioned, connected and/or disconnected; warning signs positioned.

2.2 Ground supply services are applied and/or removed.

2.3 Aircraft is inspected for obvious signs of damage, wear, and defects.

Range may include but is not limited to – airframe, powerplant, flight deck, cabin, cargo compartment, antennae, flight controls, landing gear, wheels and brakes; corrosive material spillage.

2.4 Aircraft is prepared for flight.

Range may include but is not limited to – components lubricated, magnetic inspection plugs checked, windows cleaned, tyres inflated or deflated, ground services are connected and disconnected, foreign objects removed from aircraft and ground area, required onboard aircraft documentation checked.

2.5 Any defects are identified, located, and reported.

2.6 System and component fluid levels are checked and replenished.

Outcome 3

Complete activities related to servicing tasks.

Performance criteria

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

Range may include but are not limited to – tool control, cleanliness, tidiness, return of publications, preparation for next activity.

3.2 Tools and equipment are checked for damage and/or wear and returned to storage area.

3.3 Surplus parts and materials are disposed of.

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

3.4 Servicing documentation is completed.

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 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
Rollover and Revision	7	26 April 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.