

Title	Lift and lower an aircraft		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to: prepare to lift and lower an aircraft; lift and lower an aircraft; and complete activities related to the lifting and lowering 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 The scope of the system that this standard relates to is described in ATA iSpec 2200, chapter 7.

Outcomes and performance criteria

Outcome 1

Prepare to lift and lower an aircraft.

Range structural panels fitted, centre of gravity position noted, fuel load, weight configuration, aircraft and equipment positioned on lifting area.

Performance criteria

- 1.1 Lifting and lowering tasks are determined by reviewing servicing documentation.
- 1.2 Equipment is obtained and checked for serviceability or status.

Range equipment may include but is not limited to – tools, jacks, slings, hoists, cradles, inflation bags.

1.3 Lifting area is assessed and prepared.

Range wind, ground level and firm, obstructions removed.

1.4 Equipment is positioned.

Range jacks, hoists.

Outcome 2

Lift and lower an aircraft.

Performance criteria

2.1 The aircraft is lifted.

2.2 The aircraft is lowered.

Outcome 3

Complete activities related to the lifting and lowering tasks.

Performance criteria

3.1 Aircraft is prepared for next maintenance task or for flight operations.

3.2 Resources are checked and returned to service or storage.

3.3 Documentation is completed.

Replacement information	This unit standard and unit standard 20632 replaced unit standard 3923.
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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Status information and last date for assessment for superseded versions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	20 April 2006	31 December 2016
Review	2	18 June 2014	31 December 2021
Review	3	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.