

Title	Operate mobile stairs for an aircraft		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to: carry out pre-checks and prepare mobile stairs; set up and position mobile stairs at aircraft door; prepare to remove mobile stairs from an aircraft; and remove and park mobile stairs.
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Classification	Aviation > Ramp Operations
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Available grade	Achieved
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Guidance Information

- 1 All tasks are to be carried out in accordance with enterprise procedures, the enterprise being the organisation carrying out the work. Enterprise procedures referred to in this unit standard are the applicable procedures found in the following: enterprise exposition; manufacturer publications; Government and local body legislation; airworthiness authority requirements.
- 2 For an arriving aircraft, the following safety standards must be adhered to by ramp staff: anti-collision lights must be extinguished, aircraft wheels chocked, and engines shutdown, before the mobile stairs are manoeuvred towards the aircraft and passenger door opened.
- 3 For a departing aircraft, the following safety standards must be adhered to by ramp staff: the aircraft passenger door must be closed before the mobile stairs are manoeuvred away from the aircraft.

Outcomes and performance criteria

Outcome 1

Carry out pre-checks and prepare mobile stairs.

Performance criteria

- 1.1 Protective clothing and safety equipment are worn.
Range may include but is not limited to – hi-visibility jacket, ear defenders.
- 1.2 Area of operation is checked for obstructions and cleared if required.

- 1.3 Mobile stairs are selected and prepared.
- Range may include but is not limited to – aircraft type, correct aircraft door, internal or external opening aircraft door, arrival gate, arrival time.
- 1.4 Mobile stairs serviceability is checked prior to use.
- Range may include but is not limited to – oil or water leaks, canopy fully retracted, stabilisers fully up, foreign object debris (FOD) on stairs or upper platform, rear step retracted, sensor strip in position, lights and stairwell lights, any other damage.

Outcome 2

Set up and position mobile stairs at aircraft door.

Performance criteria

- 2.1 Mobile stairs are driven to stand-off area adjacent to the aircraft.
- Range must include – fully-lowered position.
- 2.2 Mobile stairs are driven inside circle of safety.
- Range may include but is not limited to – release park brake, apply park break, minimum of eight metres from aircraft, engage power take-off (PTO), battery isolating switch on.
- 2.3 Control panel and height adjustment is used.
- Range may include but is not limited to – set up stairs for aircraft door, disengage PTO.
- 2.4 Mobile stairs are positioned at aircraft door.
- Range may include but is not limited to – follow guiding person's direction to the aircraft door, stop when instructed or necessary.
- 2.5 Platform buffer is aligned.
- Range parallel to sill of aircraft door and not touching, fully engage stabilisers, undo strap:
may include but is not limited to – engage PTO, mount stairs to verify height in relation to door sill, use micro-adjustment to align, extend canopy, dismount and lower bottom step.

Outcome 3

Prepare to remove mobile stairs from an aircraft.

Performance criteria

3.1 Mobile stairs are prepared for removal from the aircraft.

Range safety strap secured, FOD removed, retract stabilisers: may include but is not limited to – canopy retracted, raise and secure bottom step, battery isolating switch off.

Outcome 4

Remove and park mobile stairs.

Performance criteria

4.1 Mobile stairs are reversed from the aircraft and parked.

Range guide person to direct; may include but is not limited to – side mirrors, eight metres clear of aircraft, engage PTO, fully lower stairs, disengage PTO, park in a designated area.

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 March 2010	31 December 2018
Review	2	16 March 2017	31 December 2024
Review	3	27 October 2022	N/A

Consent and Moderation Requirements (CMR) reference	0125
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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.