

<b>Title</b>	<b>Carry out aircraft ground handling</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to: marshal aircraft; assist with engine start-up and shutdown; move aircraft manually or by towing; and park and moor aircraft.
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<b>Classification</b>	Aeronautical Engineering > Aircraft Servicing
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<b>Available grade</b>	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 This standard must be assessed against in the workplace or by the use of simulated activities off-the-job.
- 4 The scope of the system that this standard relates to is described in ATA iSpec 2200, chapters 9 and 10.

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### Outcomes and performance criteria

#### Outcome 1

Marshal aircraft.

#### Performance criteria

- 1.1 Marshalling equipment, clothing, and assistants are selected and used.
- 1.2 Marshalling positions are selected to ensure adequate visibility and safety.  
  

Range	for flight crew, for ground markings, for ground personnel, for aircraft clearance from obstructions.
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- 1.3 Aircraft is marshalled using International Civil Aviation Organisation (ICAO), International Airline Transportation Association (IATA) or Air Force Interoperability Council (AFIC) marshalling signals.

## Outcome 2

Assist with engine start-up and shutdown.

### Performance criteria

- 2.1 Aircraft is prepared for engine start.
- Range may include but is not limited to – blanks, covers and screens are removed or fitted (as required); chocks and brakes are applied; aircraft is positioned; fire extinguisher is positioned; access doors are closed; area checked clear around the aircraft.
- 2.2 Start services are applied and removed.
- 2.3 Fires discovered on engine or services during start-up or shutdown, or brakes during shutdown are controlled and/or reported.
- Range pilot signalled, fire section notified, attempt to extinguish.
- 2.4 Communication with flight deck crew is established.
- Range may include – verbal, visual, electronic.
- 2.5 Emergency or precautionary engine shutdown procedures are followed.
- 2.6 Emergency shutdowns are recorded and reported.

## Outcome 3

Move aircraft manually or by towing.

### Performance criteria

- 3.1 Aircraft is prepared to be moved.
- Range may include but is not limited to – structural panels fitted; doors, panels and cowls closed; covers, blanks, locks, chocks and steering mechanisms positioned as required; clearance obtained.
- 3.2 Towing and moving equipment are selected and fitted, and personnel are selected and positioned.
- Range may include but is not limited to – tow bars, tow arms, bridles, wheels, towing vehicles; personnel may include but are not limited to – clearance personnel, aircraft brake operator, tow vehicle driver.

- 3.3 Communication is established and maintained between aircraft, control tower (where applicable), towing vehicle, and clearance crew.

Range may include – verbal, visual, electronic.

- 3.4 Aircraft is moved in accordance with aircraft type.

#### Outcome 4

Park and moor aircraft.

#### Performance criteria

- 4.1 Aircraft is parked.

- 4.2 Aircraft is tied down in accordance with aircraft type.

- 4.3 Securing equipment is installed and removed in accordance with aircraft type.

Range may include but is not limited to – locks, chocks, covers, blanks, propeller or rotor tie downs, special equipment.

- 4.4 Documentation is completed.

<b>Planned review date</b>	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
Revision	6	28 June 2018	31 December 2021
Review	7	26 March 2020	N/A
Rollover and Revision	8	26 April 2024	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0028
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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**Comments on this unit standard**

Please contact Ringa Hora Services Workforce Development Council  
[qualifications@ringahora.nz](mailto:qualifications@ringahora.nz) if you wish to suggest changes to the content of this unit standard.