

Title	Operate an aircraft belt loader		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to: carry out safety checks before operating a belt loader; drive a belt loader safely and dock with aircraft in preparation for loading or unloading; operate a belt loader to load and unload an aircraft; and undock a belt loader from an aircraft, and drive and park it in a designated area
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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 Definition
Designated area is an industry term used for permanent markings painted on the tarmac, which is a safe distance away from a moving or stationary aircraft.
- 3 Belt loader may have an optional extendable loading attachment fitted such as a Power Stow.

Outcomes and performance criteria

Outcome 1

Carry out safety checks before operating a belt loader.

Performance criteria

- 1.1 Visual check for damage to belt loader is undertaken.

Range may include but is not limited to – body work, leaks under vehicle, tyres, lights.

1.2 Physical safety check is performed.

Range may include but is not limited to – tyre pressure and condition, no rubbish around vehicle, handbrake on, brake operation, fluid levels, fuel/charge level, steering operation, gear lever operation, lights, horn, foreign object debris (FOD).

1.3 Any faults and malfunctions to the vehicle are identified and reported.

Outcome 2

Drive a belt loader safely and dock with aircraft in preparation for loading or unloading.

Performance criteria

2.1 Driving controls are identified and used.

Range may include but is not limited to – start controls, release and apply park brake, lights, indicators.

2.2 Speed limits are adhered to in accordance with airport authority and enterprise procedures.

Range may include but is not limited to – within 15 metres of an aircraft, within 15 metres of a fixed object or building, on the airport road network, general apron area.

2.3 Travel path and procedure for approaching an aircraft is followed.

Range may include but is not limited to – brake test, restricted manoeuvring area, anti-collision lights, other equipment in area, other personnel in area, approach speed, remained clear of restricted areas.

2.4 Belt loader is docked to the aircraft in accordance with aircraft type.

Range may include but is not limited to – hold height, belt loader attachments being used (i.e. Power Stow).

Outcome 3

Operate a belt loader to load and unload an aircraft.

Performance criteria

3.1 Belt loader is prepared for loading and unloading.

Range may include but is not limited to – place chocks, raise and secure safety barriers, set boom height.

3.2 Load transfer controls are identified.

Range may include but is not limited to – height controls, forward and backward, emergency stop.

3.3 Load is safely transferred from the belt loader into the aircraft in accordance with aircraft type.

Range may include but is not limited to – aircraft settling monitored, height settings adjusted, load type monitored, no contact with door surrounds.

3.4 Load is safely transferred from the aircraft onto the belt loader in accordance with aircraft type.

Range may include but is not limited to – aircraft settling monitored, height settings adjusted, load type monitored, no contact with door surrounds.

Outcome 4

Undock a belt loader from an aircraft, and drive and park it in a designated area.

Performance criteria

4.1 Belt loader is prepared for undocking.

4.2 Belt loader is undocked from the aircraft.

Range may include but is not limited to – remove chocks, safety barriers lowered and secured, equipment fully lowered, ensure area clear of FOD.

4.3 Travel path and procedure for departing the area is followed.

Range may include but is not limited to – restricted manoeuvring area, other equipment in area, other personnel in area, driving speed, guide person, remained clear of restricted areas.

4.4 Belt loader is driven to a designated area, and parked and secured.

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	16 October 2009	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

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.