

41109**Apply safety measures relating to public protection airside at an airport**

Kaupae Level	3
Whiwhinga Credit	5
Whāinga Purpose	People credited with this skill standard are able to apply safety measures relating to public protection airside at an airport, ensuring a focus on safety, compliance, coordination, and communication.

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Apply safety measures relating to public protection airside at an airport.	a. Apply safety measures for jet effluxes and propeller slipstream.
	b. Detect, report, and log any potential hazards.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria*Assessment specifications:*

Protective mechanisms could include boundaries, markers, beacons, hazard signage, aircraft operations, vehicles operating airside, personnel escorts.

Assessments must be conducted in an active airport environment to ensure practical application to reflect the standards of an aviation workplace.

Evidence presented for assessment against this skill standard must be in accordance with enterprise procedures.

Definitions:

Aerodrome means any defined area of land or water intended or designed to be used either wholly or partly for the landing, departure, and surface movement of aircraft; and includes any building, installations, and equipment on or adjacent to any such area used in connection with the aerodrome or its administration.

Airport refers to aerodrome as per Civil Aviation Rules.

Airside refers to the movement area of an airport, adjacent terrain and buildings, or portions thereof, where access is controlled.

Reference to *enterprise procedures* means that all activities must comply with the requirements contained in the current airport exposition, current airport company manuals and procedures, and any relevant legislative and/or regulatory requirements, which may include but are not limited to: Civil Aviation Act 2023, relevant Civil Aviation Rules, New Zealand Defence Force (NZDF) Policy.

Jet efflux refers to the high-velocity exhaust stream produced by a jet engine.

Propeller slipstream refers to the high-velocity column of air accelerated and pushed rearward by a spinning propeller.

Public protection refers to the protection of the general public and passengers, and the protection of property.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Public protection principles

- Who constitutes the “public” in an airside context (e.g. passengers, visitors, contractors).
- Importance of public protection in operational and emergency contexts.

Hazards in the airside environment

- Common hazards: jet blast, propeller slipstream, moving vehicles, aircraft operations.
- Risk assessment techniques and hazard identification.

Safety measures and protective mechanisms

- Use and placement of physical boundaries (e.g. fences, barriers), visual markers and beacons, hazard signage and lighting, vehicle and personal escorts.
- Procedures for managing public movement and access during aircraft operations.

Reporting and logging hazards

- How to detect and assess potential hazards.
- Reporting protocols: who to notify, how, and when.
- Logging requirements: date, time, description, action taken.
- Use of digital or manual reporting systems.

Rauemi | Resources

[CAA Advisory Circular AC139-3 Aerodrome Inspection Programme and Condition Reporting](#)
[Civil Aviation Rule Part 139 Aerodromes – Certification, Operation and Use](#)

Enterprise procedures.

Pārongo Whakaū Kouna | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Ringa Hora Services Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Service Sector > Aviation > Airport Operations
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0112

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	18 December 2025	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standard 17354.		
Rā arotake Planned review date	31 December 2030		

Please contact Ringa Hora Services Workforce Development Council qualifications@ringahora.nz to suggest changes to the content of this skill standard.