

41088 Assess operational readiness of an airport with sealed movement areas

Kaupae Level	5
Whiwhinga Credit	15
Whāinga Purpose	People credited with this skill standard are able to assess the operational readiness of an airport with sealed movement areas, 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. Assess the operational readiness of visual aids to navigation at an airport with sealed movement areas.	a. Assess visual aids to navigation to ensure conformity.
	b. Assess outages to ensure their conformity.
	c. Detect and report any non-compliance of visual aids.
	d. Issue NOTAM for outages and faults.
2. Assess the operational readiness of airport surfaces.	a. Conduct assessment of airport surface.
	b. Report and record any identified airport surface defects.
	c. Issue NOTAM for faults, if required.
3. Assess meteorological conditions.	a. Assess meteorological conditions to identify key meteorological factors affecting airport operations.
	b. Report and record weather observations.
4. Assess changes to the operational state of the sealed movement areas.	a. Identify changes in the operational state of the runway.
	b. Inspect the operational readiness of sealed movement areas after maintenance and construction.
	c. Identify and action incursions into sealed movement areas.

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

Visual aids could include precision approach path indicator or visual approach slope indicator, lighting, signs, windsocks, paint markings, marker boards.

Surface defects could include cracks, holes, grass length, standing water, spalls, obstructions, foreign object debris (FOD).

Meteorological conditions could include runway visual range, precipitation, ice, wind.

Changes to the operational state of a runway could include damp, wet, water patches, flooded, bird patrols, FOD.

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.

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.

Movement areas means that part of an aerodrome intended to be used for the take-off and landing of aircraft and for the surface movement of aircraft, and includes the manoeuvring area, maintenance areas, and aprons.

NOTAM refers to a Notice to Airmen. It is a notice distributed by means of telecommunication containing information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential to personnel concerned with flight operations.

Operational readiness refers to the state in which all systems, processes, infrastructure, personnel, and safety measures are fully prepared and capable of supporting safe, efficient, and compliant airport operations. It ensures that the airport can deliver its intended services without disruption, meeting regulatory, operational, and customer experience standards.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Assessing the operational readiness of visual aids to navigation

- Purpose and function of visual aids (e.g. precision approach path indicator or visual approach slope indicator, windsocks, lighting, signage).
- Interpretation of visual aid status and serviceability.
- Inspection techniques for visual aids.
- Common faults and outages (e.g. bulb failure, misalignment, damage).

- Reporting protocols and documentation.
- NOTAM procedures related to visual aids.

Assessing the operational readiness of airport surfaces

- Types of airport surfaces (e.g. sealed, aprons, taxiways).
- Surface inspection techniques and tools.
- Identification of surface defects (e.g. cracks, FOD, standing water).
- Sealed area maintenance standards.
- Reporting and recording surface conditions.
- NOTAM issuance for surface issues.

Assessing meteorological conditions

- Key meteorological factors affecting airport operations (e.g. wind, visibility, precipitation).
- Use of meteorological instruments and data sources (e.g. Meteorological Aerodrome Report (METAR)).
- Interpretation of weather data and forecasts.
- Impact of weather on grass movement areas.
- Reporting and recording weather observations.

Assessing changes to the operational state of sealed movement areas

- Characteristics of sealed movement areas and their operational limitations.
- Conditions affecting usability (e.g. runway visual range, wetness, flooding).
- Post-maintenance inspection procedures.
- Identification and management of incursions (e.g. wildlife, vehicles, people).
- Use of markers, signage, and banners.
- FOD detection and removal.

Rauemi | Resources

[CAA Advisory Circular AC139-3 Aerodrome Inspection Programme and Condition Reporting](#)

[CAA Advisory Circular AC139-9 Notification of aerodrome data and information](#)

[Civil Aviation Rule Part 139 Aerodromes – Certification, Operation and Use](#)

[NOTAM Guidelines for Operators and Originators](#)

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 8885.		
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.