

41092

Perform wildlife hazard management at an airport

Kaupae Level	4
Whiwhinga Credit	15
Whāinga Purpose	<p>People credited with this skill standard are able to effectively evaluate and manage wildlife attractants, control food sources, and implement safety protocols using specialised tools and techniques, including firearms and explosives.</p> <p>This skill standard is intended for airport employees or contractors only, as airside assessment opportunities are restricted to those persons holding an Airport Identity Card issued by the New Zealand Civil Aviation Authority under the sponsorship of an airport employer, or New Zealand Defence Force (NZDF) equivalent.</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Identify and mitigate wildlife attractants at an airport through practical evaluation of the environment.	<ul style="list-style-type: none"> a. Perform on-site evaluations to identify wildlife attractants. b. Implement mitigation measures at identified locations.
2. Measure and control wildlife food sources at an airport.	<ul style="list-style-type: none"> a. Evaluate refuse dumps, effluent sites, and insect densities using approved measurement techniques and control methods. b. Monitor carparks, viewing areas and other outside places where people congregate to ensure food waste left in the area does not become attractive to birds.
3. Monitor and report wildlife presence at an airport.	<ul style="list-style-type: none"> a. Use monitoring tools to assess wildlife activity. b. Report findings of wildlife activity.
4. Disperse bird hazards at an airport using tools and equipment.	<ul style="list-style-type: none"> a. Operate and demonstrate proficiency with relevant dispersal methods, dependant on bird hazard status and problem bird species.
5. Safely handle and use firearms, ammunition, and explosives in the context of wildlife hazard management.	<ul style="list-style-type: none"> a. Safely store, handle, and use firearms and explosives in accordance with legislative procedures during dispersal activities.

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

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

Evidence must include proficiency in relevant wildlife dispersal methods and safe firearm handling practices. Dispersal methods may include items such as gas cannons, bird alarms, predator balloons, pyrotechnics, firearms with blank ammunition, and Mylar flags.

Bird hazard status and problem bird species are those identified in Appendix 1 of Advisory Circular AC139-16.

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, Arms Act 1983, and the Arms Regulations 1992.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Identifying and mitigating wildlife attractants

- Types of wildlife commonly found at airports and their behaviours (e.g., birds, mammals).
- Key wildlife attractants: food sources, shelter, water, and safety.
- Environmental factors influencing wildlife movements and patterns.
- Methods for identifying and removing wildlife attractants in accordance with enterprise procedures.

Measuring and controlling wildlife food sources

- Techniques for assessing refuse dumps and effluent disposal sites.
- Methods for measuring insect density (e.g., traps, observation) and controlling insect populations.
- Minimising or eliminating bird attractants.
- Examples of common wildlife food sources and their removal or mitigation.

Managing the wildlife environment

- Practical vegetation and grass control strategies to minimise wildlife presence.
- Drainage management to reduce standing water and attractants.
- Passive management techniques – creating and maintaining environments less appealing to wildlife (e.g., habitat modification).

Monitoring and reporting wildlife presence

- Use of monitoring tools and techniques (e.g., observation logs, remote cameras).
- Liaison methods with Air Traffic Services for real-time wildlife updates.
- Procedures for preparing and submitting wildlife hazard reports in compliance with regulations.

Operating bird dispersal tools and equipment

- Training and operation of gas cannons, bird alarms, predator balloons, and other dispersal methods.
- Safety procedures for deploying dispersal equipment.
- Practical scenarios for selecting the most effective dispersal method based on wildlife type.

Handling firearms and explosives safely

- Hands-on training for cleaning, storing, and handling firearms in a regulated environment.
- Safe operation and use of live ammunition and explosives for wildlife control.
- Legislative requirements and enterprise policies for firearms and explosives handling.

Rauemi | Resources

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

[CAA Advisory Circular AC139-16](#)

Enterprise procedures.

Pārongo Whakaū Kounga | 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 11666.		
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.