



Airport Protocol

Bird Management Protocol for Airfields & Hangars



Background

Avian Control®

Avian Control® Bird Repellent contains 20% methyl anthranilate (MA) in a nonaqueous solution. This active ingredient has been shown to repel ground feeding and flocking birds when used with the proper applicator for the application. This protocol covers how to use Avian Control® to repel birds and protect Airside operations and Airport structures from bird damage and bird strike risk.



Modus of Repellency

Avian Control® Bird Repellent irritates bird's pain nerves, like a tear gas for birds. Contact with Avian Control® will cause birds to leave the area and, over time, learn to avoid the area in the future. Unlike sound devices, flashing lights, or other deterrents, birds never get used to the effects of Avian Control®.

Key Benefits for Airport Applications

EPA-Registered	Scientifically-proven, environmentally friendly formula. Harmless to birds, relying on a sensory irritation to deter them effectively.
Flexible Application	Spraying for turf, thermal fogging for hangar spaces, and automated vapor machines for continuous, low-labor protection.
Operational Efficiency	Protocol designed to fit directly into an airport's existing Wildlife Hazard Management Plan (WHMP).
Airfield Safety	Directly mitigates the risk of dangerous and costly bird strikes during critical flight phases like takeoff and landing.
Protects Valuable Assets	Prevents expensive corrosive damage to aircraft and protects infrastructure, hangars, and equipment from fouling.

Airside Operations Applications

Airports worldwide are challenged with the ever-present danger of bird strikes, both by large ground feeding birds (Canada Geese, Swans, Cranes, etc.) and flocks of smaller birds (Sparrows, Finches, Grackles, Pigeons, etc.).

Green turf areas, often around retaining ponds, along airport runways offer an ideal environment for both large ground feeding birds that eat the grass, and smaller flocking birds that eat the invertebrate food source (insects) to habitat.

The goal of airport – airside operations is to discourage birds (large and small) to be anywhere near airplanes during take-off and landing – to minimize opportunities for bird strikes.

Effective Protocol

Insecticide Treatment

An application every other month of an approved invertebrate insecticide, such as Sevin® or similar.

Avian Control® Treatment

Spray application of Avian Control® Bird Repellent on alternate months between insecticide applications.

Note:

In tropical or high-density bird population areas, more frequent Avian Control® applications may be required.

Airplane Hanger and Storage Building Application

Airplane Hangers and storage buildings are prime areas for birds to habitat, especially during cold weather. The presence of birds in these buildings cause an assortment of damage to airplanes and equipment, as well as present a health hazard.

Effective Protocol

One Of The Following Options:

Thermal Fogging

Regular monthly thermal fogging of affected buildings with Avian Control® Bird Repellent.

Continuous Dry Vapor Fogging

Continuous intermittent dry vapor applications of Avian Control® Bird Repellent through the use [Bird Buffer LLC Q4 vaporizing machines](#). The Q4 vaporizing machine offers the benefit of reduced labor as these stationary machines cover up to 45,000 cubic feet on a continuous basis and are fully programable.



Made in the USA with FDA GRAS (Generally Regarded as Safe) ingredients, our solutions are suitable for use around your family, pets, vegetation, and waterways when used as directed.

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