



Airport Bird Control

Keeping airports bird-free since 1964

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Protection for Runways, Runway Safety Areas, and Protection Zones
Taxiways • Aprons • Ramps • Hangars • Terminal Structures



The Growing Challenge of Wildlife Strikes

The threat of wildlife strikes to aviation safety has increased substantially as global air travel volume has increased to 931 million flights and over 4 billion passengers in 2020. In 1990, the FAA created a wildlife strike database to track and analyze animal collisions with aircraft to increase safety. From 1990 to 2023, there were approximately 292,000 reported wildlife strikes with civil aircraft in the USA alone, with 2023 recording 19,700 incidents across 780 airports.

Impact on Safety and Operations

- **Human Cost:** Between 1988 and 2024, wildlife strikes resulted in 499 fatalities and destroyed 361 aircraft globally.
- **Financial Burden:** Total reported costs for U.S. civil aircraft reached \$1.48 billion (1990-2023).
- **Annual Impact:** When accounting for unreported costs, losses could reach \$300 million per year.

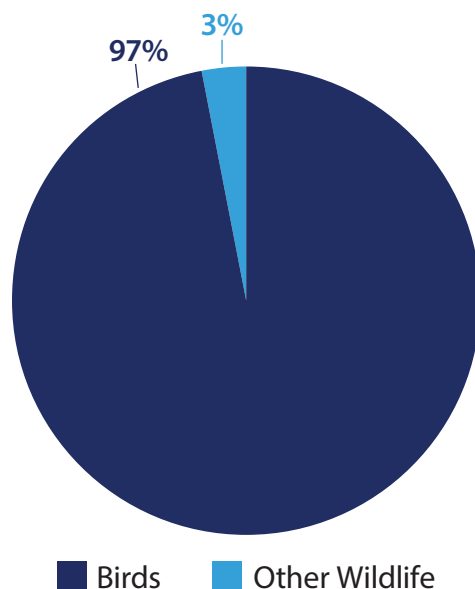
Understanding the Risk







Wildlife strikes follow distinct patterns that demand strategic management:

- Birds represent 97% of all strikes, with specific species presenting unique challenges. 2% are comprised of land mammals, and 1% are comprised of reptiles.
- 72% of strikes occur between 0-500 feet above ground level.
- 61% of strikes happen during landing phases; however, more catastrophic collisions occur during takeoff.

Bird-X can help you implement short and long-term strategies that address the most common risks.

Breakdown of Wildlife Strikes:
Birds vs. Other Wildlife



 Birds are more likely to be struck during the day.	 Land mammals are more likely to be struck at night.
 75% of bird strikes are attributed to three types of birds.	 Bird strikes cost the U.S. civil aviation industry approx. \$300 million annually.
 19,700 bird strikes occurred at 780 U.S. airports in 2023.	 Peak season runs July through October, accounting for 54% of incidents.

CASE STUDIES

John F. Kennedy International Airport saw a 74% decrease in bird strikes after implementing bird control measures.

London Heathrow Airport noticed a 70% decrease in bird strikes after implementing bird control measures.



Bird-X: Your Partner in Bird & Wildlife Management Since 1964

With decades of specialized experience in bird and wildlife management, Bird-X offers comprehensive solutions to protect your operations, passengers, and aircraft.

Our Integrated Solutions Portfolio

Airfield Protection:

- Mega Blaster Pro: Solar-powered sonic deterrent covering up to 20 acres
- Advanced laser, sonic, and ultrasonic systems for comprehensive coverage
- Air Cannons with remote triggering
- Bird Stop®: USDA-developed, non-toxic deterrent

Structure Protection:

- Customizable sonic and ultrasonic deterrents
- Professional-grade bird netting and spikes
- Optical Gel multi-sensory repellent systems

Why Partner with Bird-X?

- Free expert consultations
- Customized training programs
- Industry-leading customer support
- Manufacturer's warranty on all products
- Fast, multi-location U.S. shipping

Contact Us

Contact us to develop your customized wildlife management strategy:

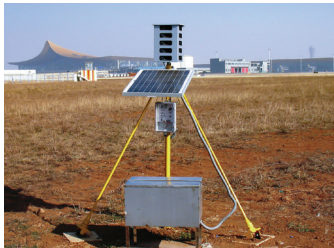
Phone: 800-662-5021

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Airfield Protection



Mega Blaster Pro

Our most powerful sonic bird control system features a 20-speaker tower and two high-output amplifiers that cover up to 20 acres. The Mega Blaster Pro® is solar-powered and fully customizable. The control unit is housed in a weather-resistant, NEMA-rated box, ensuring durability in tough outdoor conditions.



Air Cannons

The Propane Sound Cannons are a powerful bird and wildlife deterrent for large outdoor areas. The solar-powered sound deterrent system has customizable settings and multi-shot capabilities. It features rugged, weather-resistant electronics for reliable performance in any condition.



Bird Balls

Bird Balls are floating bird and wildlife deterrents that block birds and other wildlife from interacting with a body of water. Available in three shape options to meet your specific needs, Bird Balls are durable, weather-resistant, long-lasting, and require little to no maintenance.



Bird Stop®

Bird Stop® is a non-toxic liquid bird deterrent that irritates birds' trigeminal systems, much like our sense of smell, effectively discouraging them from grazing, feeding, and loitering in open spaces. This cost-effective, proven solution was developed with the assistance of the USDA, ensuring reliable and safe performance.



Predator Decoys

We offer an assortment of realistic predator decoys, both land-based and water-based, designed to effectively deter birds. Our land-based decoys include models such as the 3-D Coyote and Prowler Owl, while water-based options like the Gator Guard mimic natural predators in aquatic environments.



Handheld Fat Beam Laser

The Bird-X Handheld Fat Beam Laser is a powerful bird deterrent tool that uses an intense, wide laser beam to harmlessly frighten birds away. Ideal for both indoor and outdoor use, it provides an effective and humane solution for keeping birds from roosting, perching, and causing damage in targeted spaces.

Structure Protection



Sonic & Ultrasonic Deterrents

We offer a selection of over 10 sonic and ultrasonic bird deterrents designed for diverse applications. These sound units are fully customizable and programmable, allowing you to tailor them to specific environments and bird control needs. BroadBand Pro is recommended for open areas and around doors. QB4 and UltrasonX are recommended for ceilings and rafters.



Stationary Lasers

Lasers provide a highly effective solution for deterring pest birds in hangars. Our lasers emit multiple red and green light patterns, effectively deterring diurnal and nocturnal birds while preventing habituation.



Optical Gel

Optical Gel is a multi-sensory bird repellent that deters birds using sight, smell and touch. The ultra-low-profile gel disks create the illusion of fire or smoke, causing birds to perceive the area as unsafe and avoid it. The added citronella, peppermint scent, and sticky texture, provide a layered defense, making Optical Gel a highly effective bird control solution.



Bird Netting

Bird Netting creates a durable physical barrier that prevents pest birds from entering protected areas. Proper installation offers an ideal solution for zero-tolerance zones, ensuring reliable bird exclusion. Available in three different grades, our netting can be customized to suit various applications and environments.



Bird Spikes

Bird Spikes are a trusted solution used by bird control professionals worldwide to prevent birds from perching or roosting on surfaces like ledges and walls. We offer various widths and lengths of stainless steel and plastic spikes to suit different applications. These durable spikes provide an effective, long-lasting deterrent for keeping birds away from unwanted areas.

Not Sure Where To Start?

Contact our dedicated team for a free consultation and assistance planning your customized wildlife management strategy.



Contact Us

Phone: 800-662-5021
Email: solutions@bird-x.com
Web: bird-x.com



Who Are We?

Since 1964, Bird-X has been a trusted leader in providing effective bird control solutions to airports worldwide. Our decades of expertise help ensure safer airspace and protect airport operations from bird strike risks. Explore our top-rated airport bird control products today and discover how we can tailor solutions to your specific needs.

Why Choose Bird-X?

- **Comprehensive Solutions:** Offering a diverse range of professional-grade products and hardware for bird control needs.
- **Free Consultations:** Get personalized guidance from our Bird Control Specialists, offering expert advice tailored to your specific needs.
- **Customized Training:** Personalized virtual training sessions to equip you and your team with industry best practices.
- **Exceptional Support:** Benefit from our industry-leading customer service team, dedicated to helping you every step of the way.
- **Peace of Mind:** All products include a manufacturer's warranty, ensuring long-term reliability when installed according to manufacturer specifications.
- **Fast, Reliable Shipping:** With a centrally-located Chicago shipping hub, our products reach you quickly, ensuring timely delivery across the U.S.

Contact Us!

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