

Bird Strike Solutions

Take stormwater underground with StormTech stormwater chambers.
No Ponds. No Birds.



StormTech offers a more economical and eco-logical solutions

The high cost of ineffective stormwater management

Every year in the U.S., wildlife hazards cause \$600 million in damage to civilian and military aircraft. And that is just the financial cost. Since 1988, 219 people have lost their lives in incidents involving aircraft collisions with wildlife.

Among the wide variety of airport wildlife management processes used to address the threat, removing the appeal of potential surface water habitat has proven to be an effective – and humane – approach to mitigating risks to aviation from bird strikes.

The fact that the U.S. Transportation Research Board commissioned a report on the issue (2008) suggests the importance of effective airport stormwater management as an essential element of wildlife collision risk mitigation.



StormTech: The Economical, ECO-Logical Solution

With safety, durability and longevity in mind, StormTech chambers are engineered and built to conform to ASTM 2418, ASTM F-2922 and ASTM F-2787 standards. They also exceed AASHTO 12.12 LRFD requirements for both live and dead loads that require a 2-1 safety factor.

When built for airfield applications, the polyethylene or polypropylene polymer materials formulated for StormTech chamber systems are also resistant to the effects of chemicals used in aircraft deicing applications.

Manufactured for remarkable durability and longevity, and providing a compact physical footprint and easier installation, StormTech stormwater management systems offer a solution that is both more economical and ecological.

Place stormwater underground to eliminate open retention and detention ponds, which attract water fowl to settle close to active runways.

Put your pond UNDERGROUND



Bird Strikes in the News

October 2022: Federal Aviation Administration (FAA) reported 14,000+ bird strikes & 648+ events that caused damage to commercial & military aircraft in the US.

October 2022: Bird strike shortly after takeoff of a United Airlines flight 1930 forced the flight back to Chicago O'Hare International Airport.

November 2022: American Airlines Boeing 737-800 (flight #1855) flew through multiple birds on approach to Kansas City Airport. Though the aircraft suffered quite a bit of damage, no person onboard was injured.

September 2021: Navy T-45C Goshawk jet trainer aircraft assigned to Training Air Wing 2 at Naval Air Station, crashed in Lake Worth, Texas. The U.S. military released cockpit footage of the jet collided with a bird and crashed.

March 2021: Salt Lake International Airport officials announced that a bird strike forced a charter jet to make an emergency landing. Officials said bird strikes are quite common, but this one was especially dangerous due to at least four birds causing goring large holes in one of the engines shortly after takeoff.

May 2017: JetBlue Flight makes an emergency landing at Dulles International Airport. The Jet Blue flight was en route to New York's JFK Airport.





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