



StormTech®
BIRD STRIKE SOLUTIONS.

**ELIMINATE
PONDS...**



**FOR SAFER
SKIES**

TAKE STORMWATER
UNDERGROUND
WITH STORMTECH
STORMWATER CHAMBERS.
NO PONDS. NO BIRDS.



**ADS**

STORMTECH OFFERS A MORE ECONOMICAL AND ECO-LOGICAL SOLUTION

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 in 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 eco-logical.

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



BIRD STRIKES IN THE NEWS

JANUARY, 2009: FLIGHT 1549 FROM LAGUARDIA DITCHES INTO THE HUDSON RIVER AFTER COLLIDING WITH A FLOCK OF GEESE.

APRIL, 2012: WHEN BIRDS ARE PULLED INTO THE RIGHT ENGINE, A DELTA AIRLINES FLIGHT BOUND FOR LOS ANGELES IS FORCED TO MAKE AN EMERGENCY LANDING AT KENNEDY AIRPORT.

APRIL, 2012: AFTER A BIRD STRIKES THE WINDSHIELD, A JETBLUE PLANE BOUND FOR WEST PALM BEACH, FLORIDA, LANDS AT WESTCHESTER COUNTY AIRPORT JUST NORTH OF NEW YORK CITY.

AUGUST, 2012: FLIGHT 1475 FROM DALLAS/FORT WORTH SUFFERED A LARGE GASH ON ITS NOSE WHILE DESCENDING IN PREPARATION FOR LANDING INTO DENVER.





VISIT **STORMTECH.COM** TO LOCATE THE
STORMTECH REPRESENTATIVE NEAREST YOU.
OR CALL **1-888-892-2694** SO WE CAN TALK
ABOUT A PROGRAM THAT FITS YOUR NEEDS.



EFFECTIVE AVIATION STORMWATER MANAGEMENT... LET'S GET STARTED.



ADVANCED DRAINAGE SYSTEMS, INC.
800-821-6710 www.ads-pipe.com



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