Southern Region Wildlife Control

The Wildlife Hazard Problem, Assessment, & Management Plan

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Wildlife Information & Guidance

• Purpose of this presentation:
  – Give you information and policy guidance to help with Wildlife Control.
  – Help you create and maintain an aggressive, successful Wildlife Hazard Management Plan (WHMP).

• This presentation does not address the requirement of triggering events.

• Southern Region’s Policy is that all our airports will have a Wildlife Hazard Assessment (WHA) & WHMP.
The Wildlife Strike Problem

• It started early-on:
  In 1905 Orville Wright documented the first known bird strike during a flight over a corn field near Dayton, Ohio.

• Since then, increased conflicts between wildlife and airplanes have caused damage to aircraft and loss of human life.

• Over $600 million dollars per year now is lost due to wildlife strikes with civil aircraft in the United States alone.
Concern Over Wildlife Strikes

• Factors causing increased concern about wildlife and aviation safety
  – Change from piston-powered aircraft to jets increases the chances that jets collide with wildlife.
  – Increased air traffic worldwide, both military and commercial.
  – The area nearby many modern airports provides shelter plus nesting and feeding areas for wildlife, unlike in the surrounding metro area.

• Most wildlife strikes occur near an airport
Southern Region Strikes - Photos
Wildlife Hazard Assessment

• All Part 139 Airports in Southern Region have agreed to start the process for a WHA

• The following slides address:
  – Qualifications
  – Training
  – Control Procedures
  – Requirements for the WHA

• Remember:
An airport must develop Control Procedures to *immediately* eliminate wildlife hazards during a Wildlife Assessment
Required Items for a Wildlife Hazard Program

- Wildlife Hazard Assessment
- Wildlife Hazard Management Plan
Wildlife Hazard Assessment Process

First -- Contact a Wildlife Biologist

**AC 150/5200-36**, Qualifications for Wildlife Biologist Conducting Wildlife Hazard Assessments and Training Curriculums for Airport Personnel Involved in Controlling Wildlife Hazards on Airports

- Must meet the requirements of 139.337 C 1, 2, 3, 4, and 5
- Must submit 3 copies of the WHA to your ACSI for review and determination of a Wildlife Hazard Management Plan.
Wildlife Hazard Management Plan

- Based on the Recommendations of the WHA
- Must meet Part 139.337 (e)
- Must include all sections of 139.337 (f)
- Use the WHMP checklist to develop the Plan
- Send 2 copies of the WHMP to your ACSI for approval and addition to your ACM
- The WHMP must be reviewed every year and after any triggering event
- Remember annual training!

[Image of a deceased deer]

October 1, 2013  Guidance to Wildlife Control  Federal Aviation Administration
FAA CertAlerts, Advisory Circulars about Wildlife Strikes

- **AC 150/5200-32**
  Reporting Wildlife Aircraft Strikes

- **AC 150/5200-33**
  Hazardous Wildlife Attractants On Or Near Airports

- **AC 150/5200-34**
  Construction or Establishment of Landfills Near Public Airports
FAA CertAlerts, Advisory Circulars about Wildlife Strikes (cont.)

- **CertAlert No. 09-10**
  Wildlife Hazard Assessments in Accordance with Part 139 Requirements

- **CertAlert No. 98-05**
  Grasses Attractive To Hazardous Wildlife

- **CertAlert No. 04-09**
  Relationship Between FAA and Wildlife Services

- **CertAlert No. 04-16**
  Deer Hazard to Aircraft and Deer Fencing