

Wildlife Hazard Management at VNY

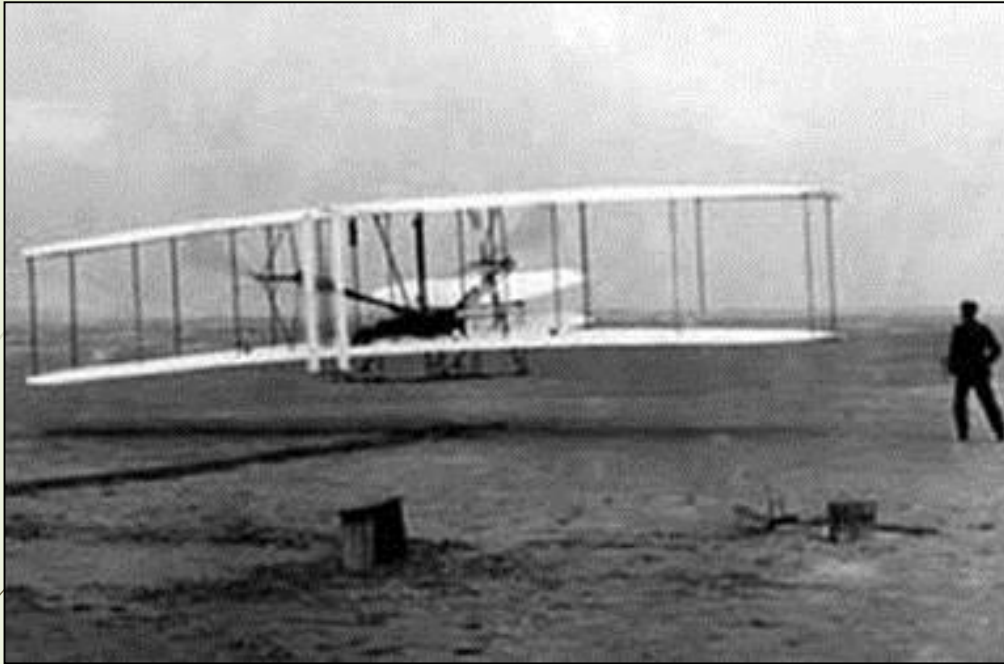


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United States Department of Agriculture
Animal and Plant Health Inspection Service, Wildlife Services





First Bird Strike: Orville Wright, Sept. 1905



**First Bird Strike Fatality:
Lt Cal Rogers, April 1912
Long Beach, CA**



**First Bird Strike on Film:
1916 Hawk Strike**

First Commercial Disaster at Airport
Oct. 1960 Boston Logan Airport
Strike on climb, shut down all engines



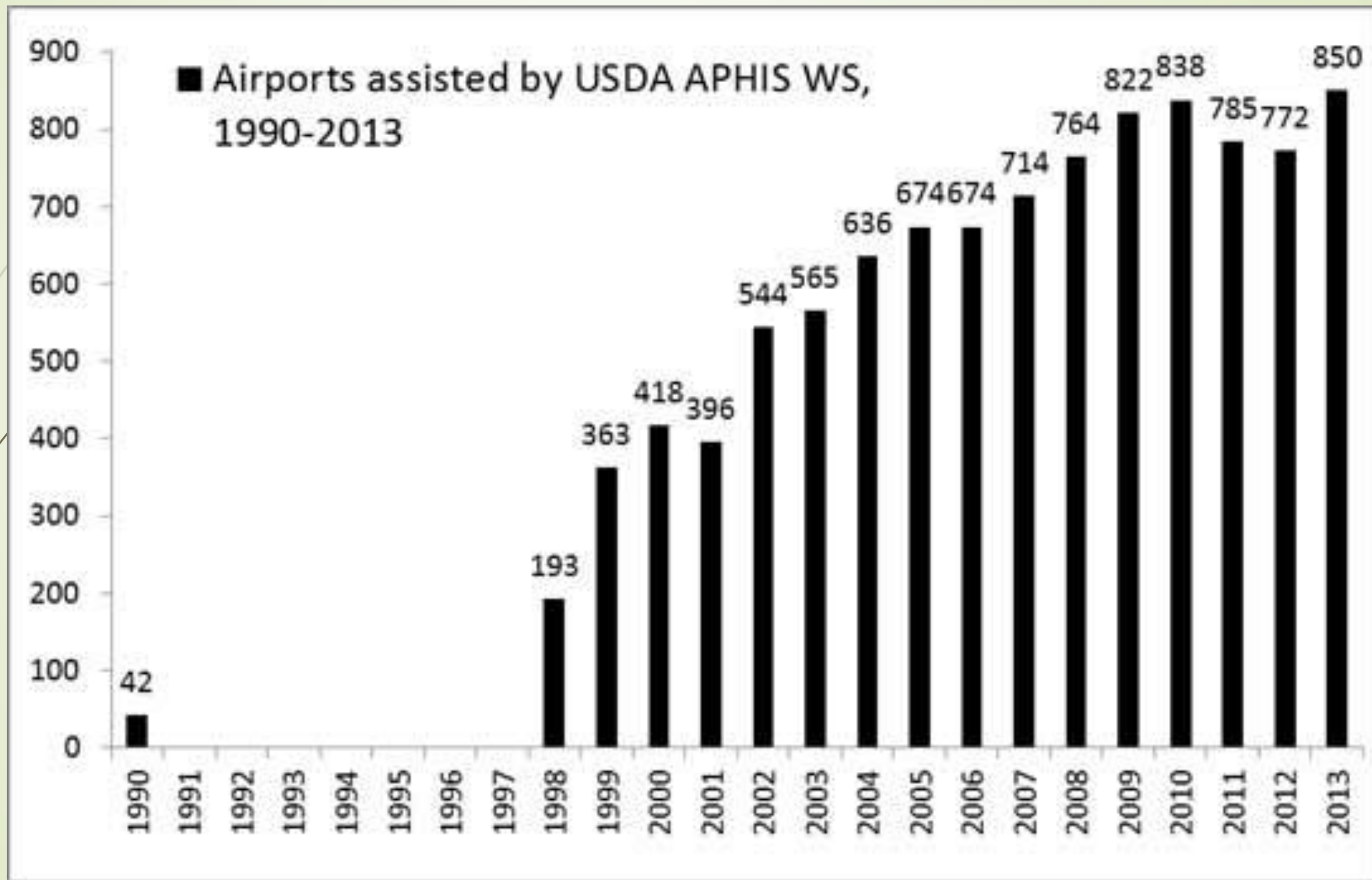


Camp Pendleton, S.D. County, 2012
2 Marines died
AH-1W Cobra Attack Helicopter

Wildlife Services Division

Our mission... “is to provide Federal leadership in managing problems caused by wildlife.”





Factor Increasing Wildlife Strike Threat

Large bird and mammal populations



Factors Increasing Wildlife Strike Threats



- Large bird and mammal populations increasing
 - Canada Geese – ~1 million (1990); ~4 million (today)
 - Eagles, vultures, red-tailed hawks, great blue herons
 - All increasing every year
- 21 bird species in North America are **≥4 pounds AND involved in ≥10 strikes/year**
 - Those species show 17 million net increase (1990-2012)

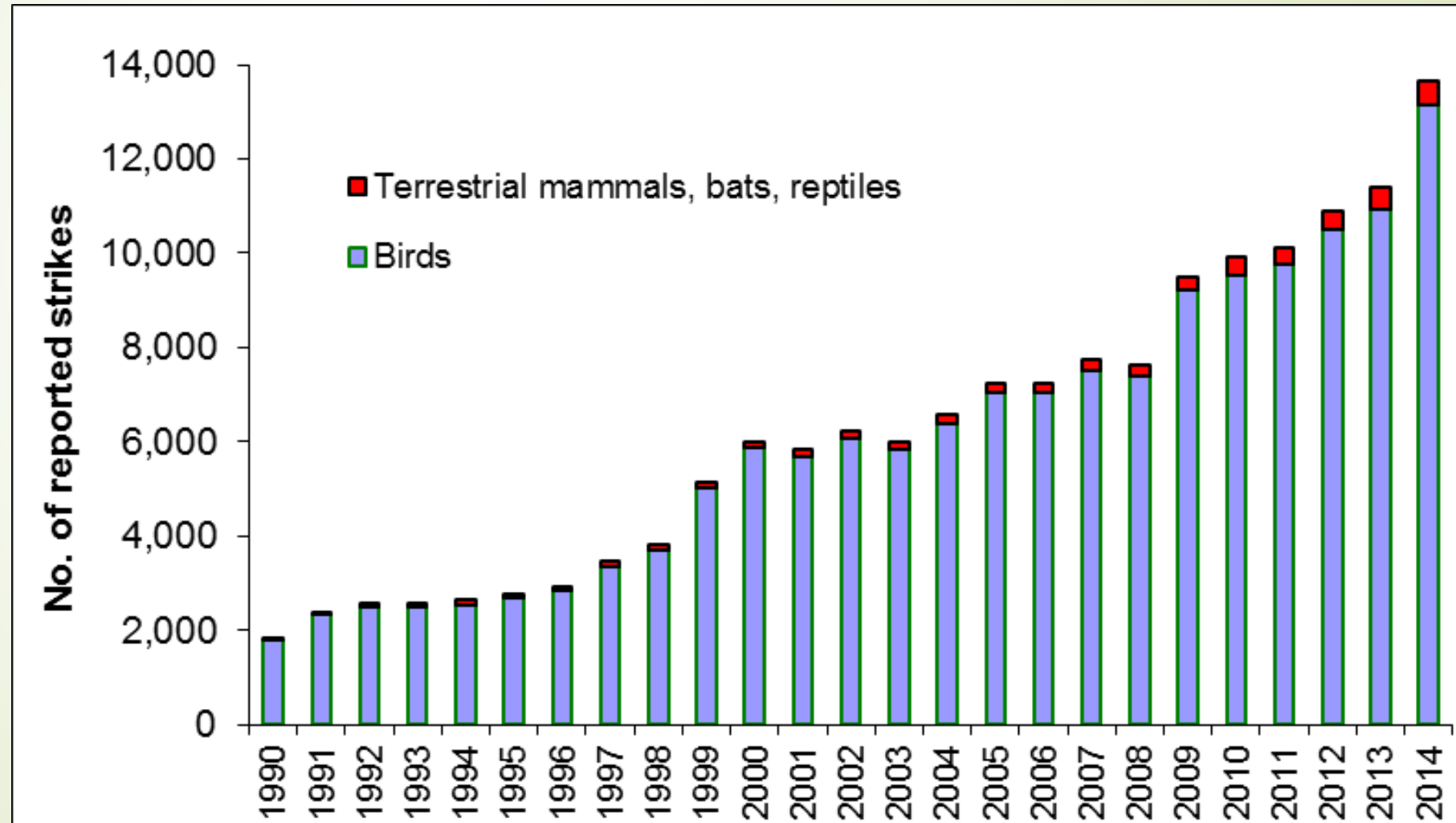
What We Do

- Technical Assistance
 - Bird Strike Collections
 - Wildlife in Tenant Buildings
 - Outreach
- Direct Control
 - Harassment
 - Exclusion
 - Trapping



Number of reported wildlife strikes with civil aircraft

- Total number of reported strikes **INCREASING** each year



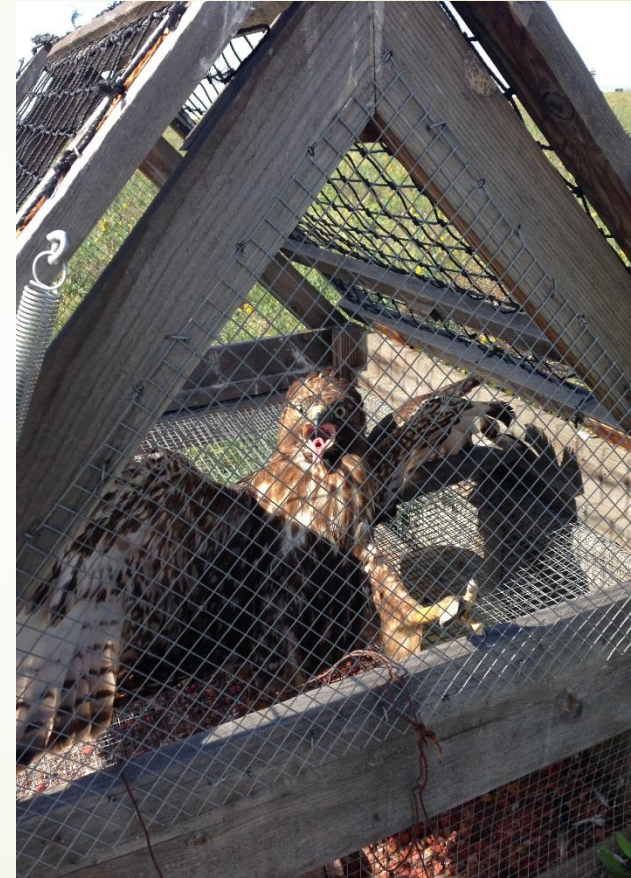
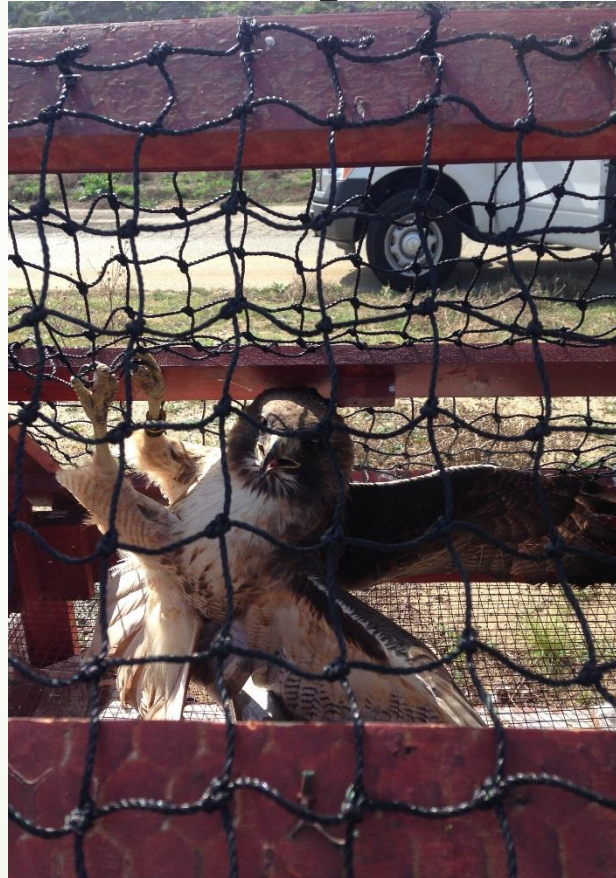
Struck Wildlife



Direct Control-Trapping



Direct Control-Goshawk Traps



Direct Control-EZ Net Traps



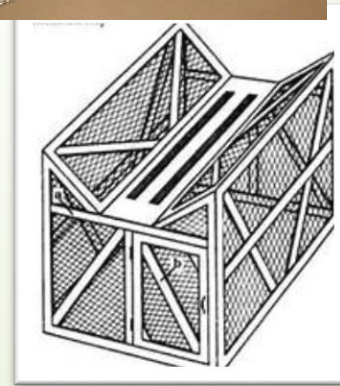
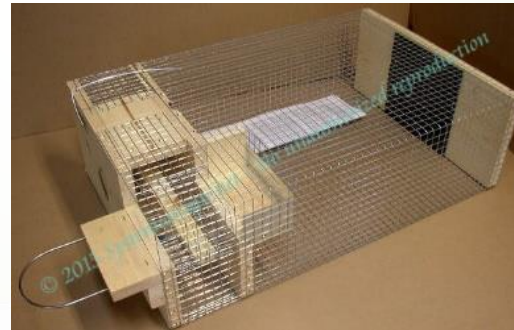
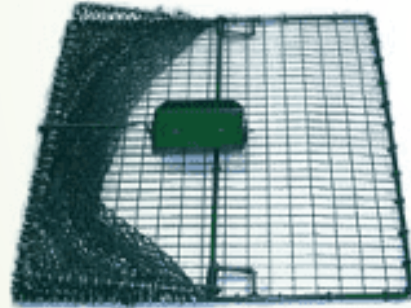
Direct Control-Decoy Traps







Other Bird Removal



Managing bird and other wildlife hazards at airports is a complex, public-sensitive endeavor involving many species of wildlife governed by the Migratory Bird Treaty Act and other Federal, State and local regulations. Professional biologists trained in wildlife hazard management at airports assess hazards, provide training, and assist in the development of wildlife hazard management plans in all 50 states.



Questions?

