



# Smith Reynolds Airport Wildlife Management Request

Forsyth County – Airport Department  
Mark R. Davidson, A.A.E.  
Airport Director

# Overview

There have been about 194,000 wildlife strikes with civil aircraft in USA between 1990 and 2017 (about 14,400 strikes at 700 U.S. airports in 2017).

About 35% of bird strikes with commercial civil aircraft occur at ground level during take-off run or landing roll and 92% occur at or below 3,500 feet AGL (above ground level).

Airports reduce the risk of wildlife strikes through integrated wildlife management programs. These programs include changes to the habitat at and in the vicinity of the airport and methods to disperse or remove the birds and other wildlife that pose a risk to aviation safety.



*US Airways Flight 1549 – Miracle on the Hudson.  
January 15, 2009*

# Regulatory Compliance

Smith Reynolds Airport is a Federal Aviation Regulation (FAR) Part 139 certified airport.

- ✎ §139.337(a) “...each certificate holder must take immediate action to alleviate wildlife hazards whenever they are detected.”
- ✎ Airport must have a wildlife hazard assessment if the following have occurred:
  - Multiple strikes have occurred
  - Damaging strike occurs
  - Engine ingestion
- ✎ Smith Reynolds had a wildlife hazard assessment conducted in 2012
- ✎ After the assessment the Airport developed a Wildlife Hazard Management Plan (WHMP) with the US Department of Agriculture – Wildlife Services.
  - Forsyth County has partnered with the USDA to mitigate the hazard and improve safety.



# Wildlife Strikes in Winston-Salem

📅 4/27/2011 Cessna 525

✂ Turkey Strike on landing roll

📅 4/4/2016 Citation CJ2

✂ Deer Strike on landing roll

- Damage to radome \$100,000



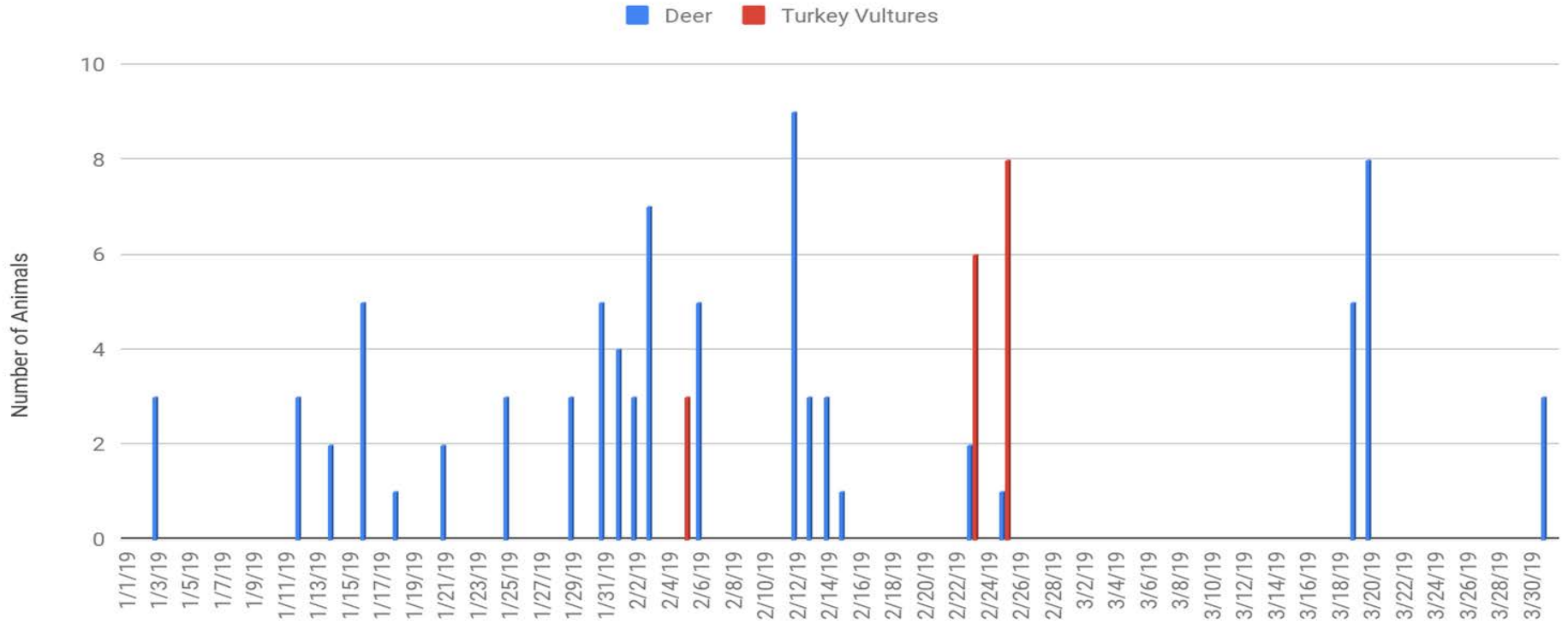
## Recent Deer Strike



- ❌ 8/28/2018
- ❌ Hawker 390
- ❌ Take off roll
- ❌ No pilot or passengers injured
- ❌ \$25,000 Aircraft Damage



# Reported Sightings of Deer and Turkey Vultures (3 months in 2019)





# USDA Investigation




MOULTRIE



CAMERA 1

18 DEC 2018 07:51 pm



**MOULTRIE**  **CAMERA 1** 29 DEC 2018



**CAMERA 1** 15 DEC 2018



# USDA Investigation

📅 January 2019

📍 15 Total Deer – 10 Inside Fence

🌿 Most within 75 yards of Runway 15/33

James E. Capps III  
Wildlife Biologist  
USDA APHIS – Wildlife  
Services

