



# Schertz City Council Workshop



*Untamed, Unrivaled*



**WS Wildlife Services**

Protecting People | Protecting Agriculture | Protecting Wildlife

**12<sup>th</sup> Flying Training Wing Safety Officer**

**USDA Wildlife Services Biologist**



# Realized Risk Analysis

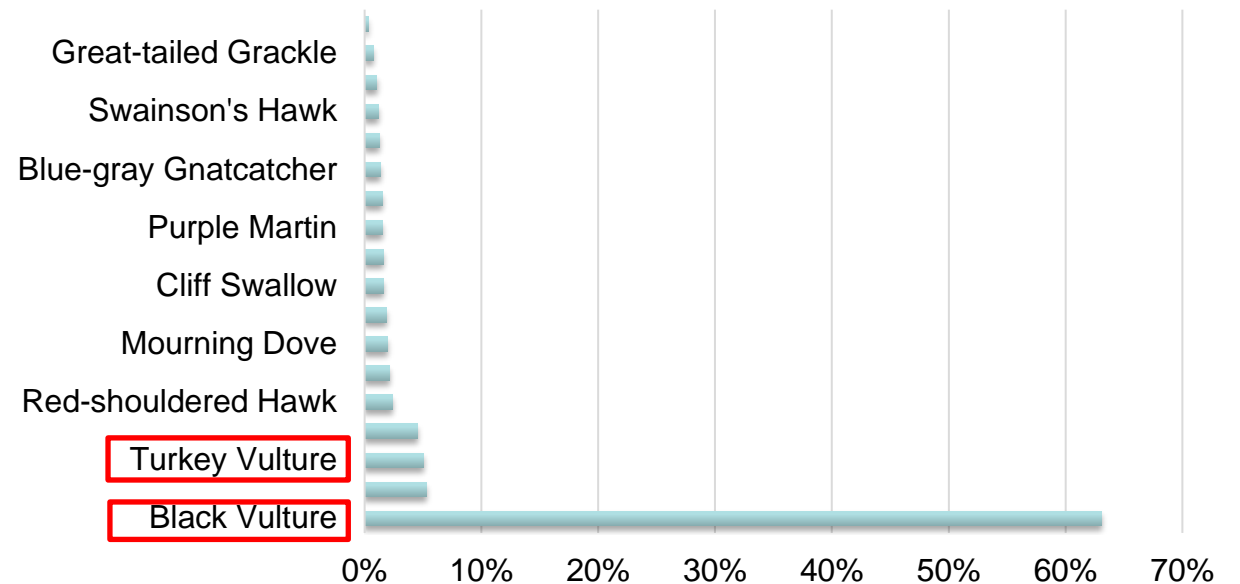
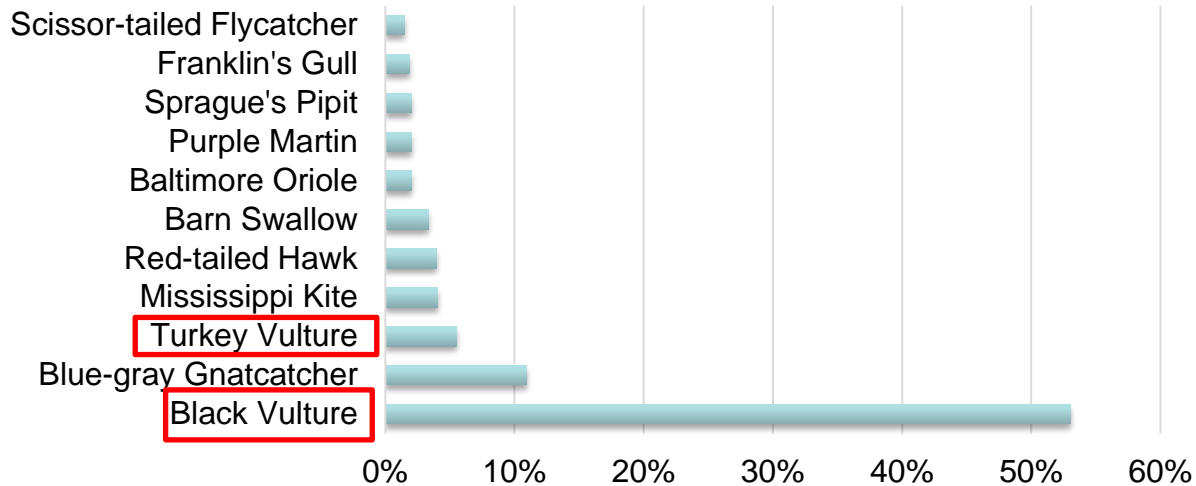


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- Strike data from Randolph between Jan 2020 – Mar 2025
- Overall Known Avian Risk- Calculated using frequency of strikes per species, and species' Relative Hazard Score (RHS).
  - RHS based on species body mass, historic strike damage data, and airframe types.

### Percent of Overall Known Avian Risk (T-6)

### Percent of Overall Known Avian Risk (T-38)



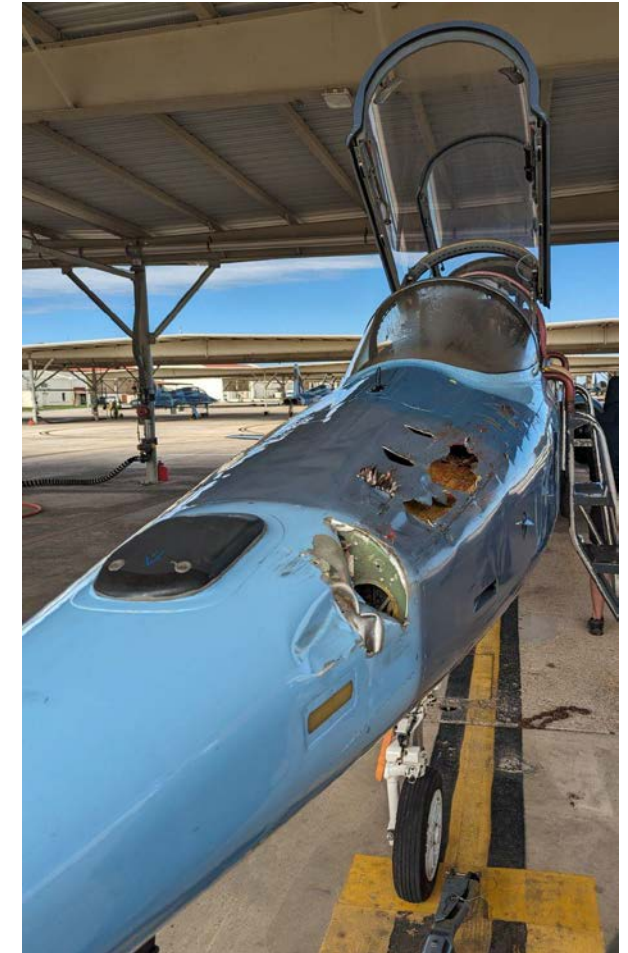
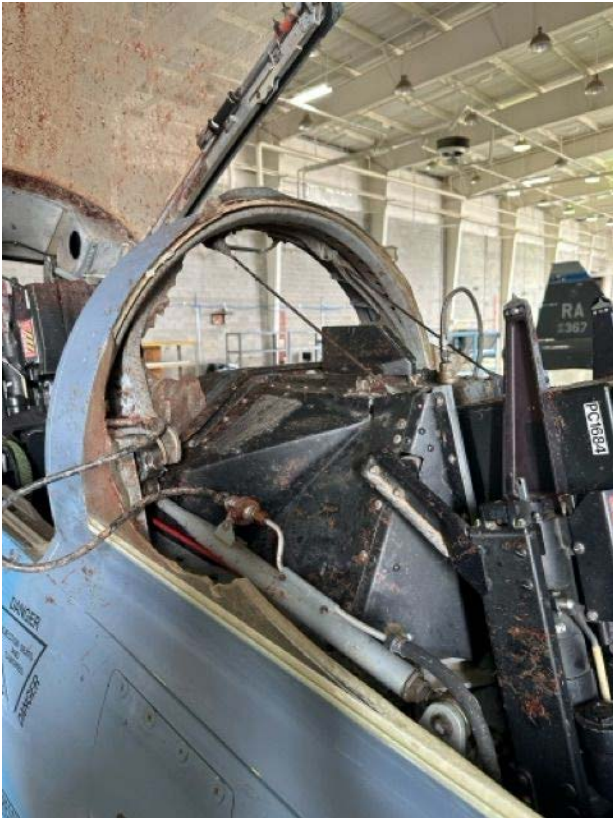


# Vulture Strike Damage



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- Vulture strikes are some of our most dangerous and expensive bird strikes.





# Known Threats

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- Difficult to disperse in flight
- Currently conducting dispersal/take at Beck Landfill
- Roosts (50+ Vultures) identified in Schertz and Cibolo



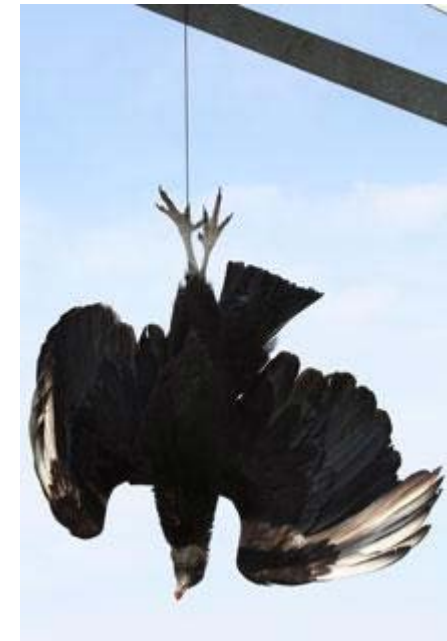


# Mitigation Techniques



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- Pyrotechnics – Preferred
- Paintball Guns
- Lasers
- Vulture Effigies
- Clapper Boards





# Logistics



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- Goal: Move vulture roost out of T-38 Pattern area, ideal location away from housing and low-flying pattern areas.
- Time frame: Multi-month/multi-year project. Dispersal work conducted around sunset, lasting 1-2 hours.
- Frequency: 1-3 evenings a week, may increase/decrease seasonally.

