



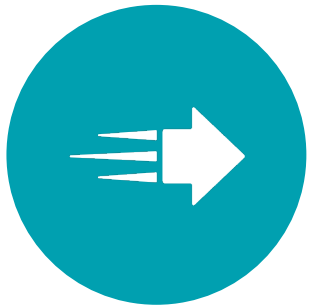
StrykerAV

Innovative Tool for Airside safety

StrykerAV Aviation Solutions

Introduction

StrykerAV is a cloud-based application that runs on phones, tablets and computers to manage aviation safety, facilitates science based WHM



Wildlife Hazard Management

- Wildlife strike & activity monitoring
- Wildlife Data Analysis
- Inventory Management and WHM Checklist



Safety Management

- Gap Analysis
- Compliance Audits
- Safety Inventory
- Follows doc 9857



Forecasting

- Predictive Risk Index
- Strike Score by Species/Time
- Animation Reports and Heat Maps



Habitat Management

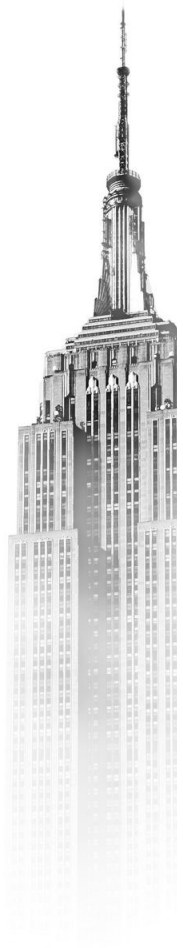
- Active Management
- Passive Management
- Wildlife species library
- Wildlife Hazard Management Plan
- Point / Transect count

Types of Bird movement

- **Migration** : Regular movement away from and back to breeding grounds
- **Dispersal** : Movement of an individual from one breeding site to another. Smaller spatial scale than migration.
- **Philopatry** : Tendency to return to same location in successive years.
- **Local Movements**: The non migratory movement involved in daily activity.

Dispersal

- **Definition:** Movement from one breeding site to another
- **Types**
 - **Breeding Dispersal** – Occurs between consecutive breeding seasons. - New breeding locations
 - **Natal Dispersal** - Movement between place of fledging to breeding area where it attempts to breed as an adult. Longer distance than breeding dispersal.
- **Behavior**
 - Long distance move uncommon
 - Involves movement of only a short distance
 - Eg. Black kite
 - switch territories after breeding
 - Females more than males move among breeding sites
 - Both sexes more likely to disperse after a nest failure or death of mate.



Modules

Wildlife Hazard Management

Habitat Management

Safety Management System

Inventory Management

Probability

Reports and Dashboards

Wildlife Species Library

API & Third - Party Interface

Self-Configuration

Benefits



SIGHT



RECORD



REPORT

1

Wildlife Hazard Management

Assist airport management with WHMP and SMS (Plan and Program)

3

Dash boards and Reports

Analytics to manage all modules

2

Species - specific Actions and Risk Management

Attractants, Repellents, Active and Passive Management for each species

4

Multi Modules

360 Degree visibility of real time data analytics, reports and maps

5

Regulatory Adherence and Direction

Improve Airport's Rating by being compliant with ICAO & CAA standards

Coming soon on our roadmap
AI Module - Reports & Analytics

We can't wait to hear from you!

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