ACSA GIS
Wildlife Management System
Marzaan Henry
November 2014
Birds and Aircraft
Conflict or Co-existence
Why Wildlife is Managed

- More than 200 deaths worldwide over the past 20 years
- Worldwide, bird strikes cost the airline industry approximately US$1.2 billion annually

B737 Ethiopian Airlines
- 21 injured 35 killed
- Bird species - Speckled Pigeons
Why Wildlife is Managed

Bird strike Incident:
- OR Tambo International
- Guineafowl
- Boeing 767
Managed Solution

- EWT & ACSA partnership
- Wildlife officers
- GIS Integration
Dog Patrol Programme

- Specially trained Border Collies
- Qualified Wildlife officers given additional training
Wildlife Management

Wildlife Counts
Weekly species presence, abundance and distribution data collection and mapping for statistical analysis.

Wildlife Strikes
Location, frequency and details of wildlife strikes are overlaid with patrols and count data.

Wildlife Patrols
Up to the minute tracking and recording of wildlife patrols for compliance monitoring and evidence.
African Goshawk

From Wikipedia, the free encyclopedia

The African Goshawk (Accipiter tachiro) is a species of bird of prey in the Accipitridae family. As defined here following the Handbook of the Birds of the World, it is found in Angola, Botswana, Burundi, Central African Republic, Democratic Republic of the Congo, Ethiopia, Kenya, Lesotho, Malawi, Mozambique, Namibia, Rwanda, Somalia, South Africa, Sudan, Swaziland, Tanzania, Uganda, Zambia, and Zimbabwe. It is often considered conspecific with the Red-cheated Goshawk of western and central Africa (BirdLife International 2007).

References [edit]

   * Photograph from Forestry Images of a Tanzanian bird
   * Photograph by Haney van Deck of a Kenyan bird

External links [edit]


This Falconiformes article is a stub. You can help Wikipedia by expanding it.

Categories: IUCN Red List least concern species | Accipiter | Animals described in 1800 | Falconiformes stubs
Handheld devices

- Recording of patrol
- Data collection
- Species reference
Patrol and Bird Count
Hazard and Incident Reporting

- Bird presence
- Waste and foreign objects
- Uncut grass
- Standing water
- Animal or bird remains
- Termite mounds
- Alien vegetation.
Reporting

Reports
- Straight to pdf
- Daily
- Various levels of man.
- Regulatory bodies (one button push generation)
OR Tambo – May 2014
Wildlife Report

Time on patrol: 2013 - 2014

Wildlife Strikes per 10 000 ATMs: Jan 2013 – Dec 2014

No of visits to airport areas - May 2014
Conclusion