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2008 Bird Strike Committee USA/Canada, 10th Annual Meeting, Orlando, Florida

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2008 Bird Strike Committee–USA/Canada Meeting Program

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2008 Bird Strike Committee-USA/Canada Meeting Program

Orlando Marriott Lake Mary Hotel, 1501 International Pkwy, Lake Mary, FL 32746

MONDAY, 18 AUGUST 2008

0900-1800 REGIS	IKAHON	(Grana Fover)
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0930-1145 **BSC-USA STEERING COMMITTEE MEETING (***Grand H*)

1200-1230 BUS LOADING FOR EARLY-BIRD PYROTECHNICS TRAINING

1300-1700 EARLY-BIRD PYROTECHNICS TRAINING (limit: 150 people) (Airport)

1800-2000 **WELCOME RECEPTION** (Grand E) Hosted by Orlando-Sanford International Airport

TUESDAY, 19 AUGUST 2008

0700-1700 **REGISTRATION** (Grand Foyer)

0700-0800 CONTINENTAL BREAKFAST WITH EXHIBITORS (Grand E)

PLENARY SESSION

(Plenary and Technical Sessions are located in Grand Ballroom ABCD)

0800 In Memoriam: Bruce MacKinnon (1947-2008)

0820 **Welcome to BSC-USA/Canada.** Richard Dolbeer, Chairman, Bird Strike Committee-USA

0825 **Welcome to Sanford and Seminole County.** *Geoffrey Longstaff, Chairman Sanford Airport Authority; Mayor Linda Kuhn, City of Sanford; and Chairman Brenda Carey, Board of County Commissioners*

0830 **Aviation Safety and Wildlife.** Honorable John Mica, Ranking Republican, U.S. House of Representatives Committee on Transportation and Infrastructure

- Nasa Shuttle Test Director, Launch and Landing Division, Kennedy Space Center
- 0915 **Personal liability in the aftermath of bird strikes: a costly consideration.**Larry Dale, President/CEO Sanford Airport Authority, Orlando-Sanford International Airport (1)

0945 **DISCUSSION**

1000-1030 **BREAK** (Visit the Exhibitors, Grand E)

BIRD STRIKES IN FLORIDA, THE LOCAL PERSPECTIVE

Moderator: John Ostrom, Metropolitan Airports Commission, MSP

- 1030 Challenges, circumstances, and considerations for bird and wildlife abatement and the importance of empirical and historical data at central Florida airports. Johnny Metcalf, Greater Orlando Aviation Authority (2)
- 1100 Florida BASH: an integrated management approach from the ground up. Marty Daniel, USDA Wildlife Services (3)
- Strategies for mitigating bird strike risk from vulture populations at MacDill AFB. Jon Gilbert, Flyaway Farms and Kennels (4)

1200-1330 **BUFFET LUNCH PROVIDED** (Grand E)

WATER MANAGEMENT AT AIRPORTS

Moderator: Bradley Blackwell, USDA Wildlife Services

- 1330 **The Florida statewide airport stormwater survey.** *Abdul Hatim, Florida Department of Transportation, Aviation Office* (5)
- 1400 Parameters affecting bird use of stormwater detention ponds in the southeastern United States: implications for bird-aircraft collisions. *Brian Fox, Auburn University* (6)
- 1430 Bird hazard management on wetlands at UK aerodromes. *Andy Baxter, Central Science Laboratory, UK* (7)
- 1500-1530 **BREAK** (Visit the Exhibitors, Grand E)

SAFETY MANAGEMENT SYSTEMS

Moderator: Gene LeBoeuf, USAF

1530 SMS and bird/wildlife management programs. *Nicholas Carter, Birdstrike Control Program* (8)

Safety Management Systems: how useful will the FAA National Wildlife Strike Database be? Sandra Wright, USDA Wildlife Services (9)

1630 MILITARY/CIVIL BREAKOUT SESSION

1800-2100 4TH ANNUAL DETECT BIRD STRIKE BBQ/JAM FEST (Enzian Theater, Maitland, FL)

WEDNESDAY, 20 AUGUST 2008

0800-1200 **CONCURRENT SESSION #1** "Low-tech" tools

0800-1200 CONCURRENT SESSION #2 "High-tech" tools

CONCURRENT SESSION #1:

"LOW-TECH" TOOLS FOR MANAGING WILDLIFE HAZARDS AT AIRPORTS

Moderator: Mike Linnell, USDA Wildlife Services

0800 Managing red-tailed hawk perching sites on Federal Aviation Administration ILS Towers at General Mitchell International Airport (MKE), Milwaukee, WI. Henri Woods, USDA Wildlife Services (10)

Test of an alternative rodent control method: CHF fertilizer/small mammal repellant. Randy Outward, USDA Wildlife Services (11)

0900 Reducing bird strike risks through insect management at a military base. Dedrick Pesek, USDA Wildlife Services (12) 0930 A practical and cost effective approach to airport wildlife management in the context of local land use: two Australian case studies. *Phil Shaw, Avisure* (13)

1000-1030 **BREAK** (Visit the Exhibitors, Grand E)

"LOW-TECH" TOOLS FOR MANAGING WILDLIFE HAZARDS AT AIRPORTS (cont.)

Moderator: Elizabeth Louie, FAA

- 1030 Capture, color-marking, and translocation of resident and non-resident red-tailed hawks at Portland International Airport 1999-2007: overview and evaluation of an innovative program. Carole Hallett, Pacific Habitat Services (14)
- 1100 Let's talk turkey: integrating traditional wildlife management techniques to reduce wildlife hazards at airports. *Christopher Bowser, USDA Wildlife Services* (15)
- 1130 Comparison of non-lethal versus lethal control methods for red-tailed hawks and other bird species at the Waste Management Outer Loop Recycling and Disposal Facility, Louisville, Kentucky, USA. Russ DeFusco, BASH, Inc. (16)

CONCURRENT SESSION #2:

"HIGH-TECH" TOOLS (AVIAN RADAR TECHNOLOGIES)

Moderator: Russ DeFusco, BASH Inc.

- 0800 Aircraft bird strike avoidance radar systems looking forward: next generation advancements in the technology. *T. Adam Kelly, Detect, Inc.* (17)
- 0830 The US Air Force (USAF) SMR (Small Radar Program): an overview and status report on the operational use of dedicated avian radar systems at USAF airfields and ranges. Eugene LeBoeuf, US Air Force BASH Team (18)
- O900 The ability of avian radars to track near-miss bird strike events: a missing information link. *Matthew Klope, US Navy, Naval Facilities Engineering Command* (19)
- 0930 **Deployment and assessment of avian radars.** *Ed Herricks, University of Illinois* (20)
- 1000-1030 **BREAK** (Visit the Exhibitors, Grand E)

"HIGH-TECH" TOOLS (MISCELLANEOUS TECHNOLOGIES)

Moderator: Bob Dogan, Air National Guard

- 1030 The bird strike risk, to be countered or contained? *Arie Dekker, Netherlands Royal Air Force, Netherlands* (21)
- 1100 Quantifying vulture activity at Marine Corps Air Station, Beaufort, NC. Michael Avery, USDA Wildlife Services, National Wildlife Research Center (22)
- 1130 Forensic bird strike identification techniques used in the accident investigation at Wiley Post Airport, Oklahoma. Carla Dove, Smithsonian Institution (23)
- 1200-1215 BUS LOADING FOR FIELD TRIP TO AIRPORT
- 1230-1400 COOK-OUT AT AIRPORT PICNIC PAVILION, LAKE GOLDEN.

 Hosted by Sanford Airport Authority.

 Educational exhibits by Audubon of Florida, Center for Birds of Prey,

 Maitland, Florida and Central Florida Zoo & Botanical Gardens, Sanford, Florida
- 1400-1630 TOUR OF ORLANDO SANFORD INTERNATIONAL AIRPORT (SFB) and EXHIBITOR DEMONSTRATIONS
- 1800-2000 **EXHIBITORS SOCIAL & POSTER SESSION** (Grand E)
- 2000 USA vs. CANADA WATER VOLLEYBALL (Hotel Pool)
 HOSPITALITY SUITE BY O.R. COLAN & ASSOCIATES (Poolside)

THURSDAY, 21 AUGUST 2008

BIRD STRIKE REPORTING

Moderator: James Stephen, Delta Airlines

- 0800 Teamwork by regions in large countries like Brazil a good solution for bird strikes. Raul Moreira Neto, Brazilian Air Force, Brazil (24)
- 0830 **The bird hazard report as a safety tool.** Flávio Antonio Coimbra Mendonça, Brazilan Air Force, Brazil (25)
- 0900 **Bird/wildlife strike reporting UK CAA perspective.** *Nick Yearwood, CAA Safety Regulations Group, UK* (26)

0930 **A decade of US Air Force bat strikes.** Susanne Peurach, Smithsonian Institution (27)

1000-1030 **BREAK** (Visit the Exhibitors) (Grand E)

TRAINING ISSUES

Moderator: Matt Klope, US Navy

- 1030 Training for airport wildlife control personnel: the IBSC recommendation. Paul Eschenfelder, Avion Corporation (28)
- 1100 Airport wildlife management training programs and best training practices now and for the future. John Ostrom, Metropolitan Airports Commission, MSP (29)
- 1130 Training airport personnel for wildlife hazards: organization, obligation, and expectation. *John Weller, USDA Wildlife Services* (30)

1200-1330 **LUNCH** (on your own)

WILDLIFE HAZARDS COAST TO COAST

Moderator: Mike Begier, USDA Wildlife Services

- Edwards Air Force Base migratory bird report for the "Replace Main Base Runway" project. Amber Hoehn, Edwards Air Force Base (31)
- Dispersal patterns of a population of wild turkeys in relation to air traffic hazards at Pease International Airport. Angelic DeButts, USDA Wildlife Services (32)
- Stormwater management, grain production, birds, and aviation safety in the southern Great Plains. *Phil Robinson, USDA Wildlife Services* (33)
- 1500 **Closing remarks.** Richard Dolbeer, Outgoing Chair, BSC-USA and newly elected Chair.

Invitation to 2009 meeting in Canada. Scott Snow, Victoria Airport Authority, representing Bird Strike Committee Canada.

1515-1400 BSC-USA/CANADA Committee Discussion (All Welcome)

FRIDAY, 22 AUGUST 2008

0830 BUS LOADING FOR KENNEDY SPACE CENTER
0900 BUS DEPARTS FOR KENNEDY SPACE CENTER

1000-1300 POST-CONFERENCE TOUR - KENNEDY SPACE CENTER (cancelled because

of Hurricane Fay; KSC had over 20 inches of rain between 19-21 August)

1315 DEPART KENNEDY SPACE CENTER

Poster Presentations (on display for entire conference; Authors will be at posters during Wednesday Evening Exhibitor Social)

"Buzzard Be-Gone": suspending vulture effigies from roost structures to reduce the possibility of a bird strike. Steve Ball, Wildlife Specialist, USDA Wildlife Services

The geese of Queens: movement and management of Canada geese in relation to New York City airports. Scott E. Clemons, Thomas W. Seamans, Allen L. Gosser, and Martin S. Lowney, USDA Wildlife Services.

The ornithological situation of military airfield in Deblin in the context of bird strikes. Janusz Cwiklak, Marek Grzegorzewski, Stefan Krop, Aviation Faculty, Polish Air Force Academy, Deblin, Poland

Improving the DNA Identification success rate of bird strike remains through better field collecting methods. Faridah Dahlan, Carla Dove, Marcy Heacker, Smithsonian Institution

Organizational efforts in aviation wildlife mitigation – University story. *Paul Eschenfelder, Avion Corp.; Archie Dickey, Embry-Riddle Aeronautical University*

Vulture management at Avon Park Air Force Range, Florida. *John Humphrey, Michael Milleson, USDA Wildlife Services; Troy Hershberger, Avon Park Air Force Range; Michael Avery, USDA Wildlife Services*

The use of endophytic turf grass to reduce bird and small mammal presence at airports. Theresa Kissane, Jeff Brawn and Bruce Branham, University of Illinois, Department of Natural Resources and Environmental Sciences

The use of an integrated Geographical Information System at South African Airports. Clair Patterson-Abrolat, Airport Wildlife Working Group, Endangered Wildlife Trust, South Africa

Developing strategies for long-term removal of raptors from airports in California. *Todd Pitlik, USDA Wildlife Services*

Assessing movement, site preferences, and environmental and social impacts of Canada geese across an urban landscape. M. Elizabeth Rutledge, Christopher DePerno, Christopher Moorman, North Carolina State University; Michael Begier, Brian Washburn, USDA Wildlife Services

Would you please move? Translocation of immature Bald Eagles to reduce bird strike risk. Alan Schumacher, Brian Washburn, John Hart, USDA Wildlife Services

As the worm turns: investigations into earthworm control on airports. Thomas Seamans, Glen Bernhardt, David Steyer, USDA Wildlife Services

Green roofs in the airport environment: pleasant dreams or nightmares? Ryan Swearingin, Craig Pullins, Travis Guerrant, Brian Washburn, USDA Wildlife Services

Assessing bird-aircraft strike hazard (BASH) risk associated with breeding and migrating Osprey. Brian Washburn, Thomas Olexa, Brian Dorr, USDA Wildlife Services

Rapid dispersal and long term effect on resident Canada geese by on-demand alarm and alert call playback reinforced with cracker/banger shells. *Philip C. Whitford, Capital University, Biology Department*

Establishment of tall fescue cultivars on the Marine Corps Air Station Cherry Point airfield. Keri Yankus, Brian Washburn, Michael Begier, USDA Wildlife Services

Hosted by Orlando-Sanford International Airport