

NEW HORIZONS

Brought to you by your Kentucky Department of Aviation

April 2012 Issue 36

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36th Annual Kentucky Aviation Conference
September 5-7, 2012
at the Galt House Hotel & Suites
Louisville, Kentucky

Kentucky Airports: The "Welcome Mat" for your Community
Welcome to the 2012 Kentucky Aviation Conference, presented in partnership by the Kentucky Aviation Association and the Kentucky Department of Aviation. Once again this annual gathering will provide exceptional networking opportunities by bringing together aviation professionals, consultants, elected officials, and the leaders and support personnel of the Kentucky Department of Aviation and the Federal Aviation Administration to discuss issues important to our airports in Kentucky.

The conference agenda is being finalized and will be packed full of dynamic presenters that will discuss matters directly related to your airport and your community. We are excited to have everyone back in Louisville for the 2012 conference.

For more information, visit <http://www.aviationkaa.org/conference.html>

Birds and Kentucky Airports

Kentucky airports reported 1,038 wildlife strikes over the last 5 years. Of these, only 19 strikes were reported to have caused damage totaling \$341,370 dollars. Over 99% of these strikes involved birds and at least 47 different species of birds were identified by their remains.

While none of these strikes resulted in human fatalities, the potential for catastrophe is easy to understand in light of recent wildlife strikes. The best known is US Airways Flight 1549 in which a passenger plane landed on the Hudson River after ingesting three Canada geese through the engines shortly after takeoff. Clearly, wildlife strikes have the potential for devastating losses and all wildlife conflicts should be taken seriously.

All airports should take three basic steps to minimize wildlife conflicts: assess hazards, make a management plan, and implement it. The goal is to reduce the number and severity of strikes.

Problem Identification

First, airports should evaluate and identify any potential wildlife conflicts on the airport and adjacent properties. This process, called a wildlife hazard assessment, can be either informal, taking only a couple of hours, or a year-long formal process. A basic assessment involves identifying wildlife species on or near the airport runways and what is attracting wildlife to these areas.

All wildlife species are evaluated during an assessment, but large mammals and certain groups of birds receive the most consideration due to the higher damage costs and likelihood of catastrophic collisions with these species. These groups include:

Waterfowl – including geese, ducks and gulls. Typically large to medium birds, waterfowl usually fly in flocks. Sometimes an individual bird can cause significant damage to aircraft, but their flocking behavior usually results in multiple collisions when strikes occur.

Large wading birds – including herons and cranes. Depending upon the season, both can be found either individually or in flocks. These slow-flying birds have difficulty avoiding fast-moving and relatively quiet aircraft.

Raptors – including hawks, owls, vultures and eagles. Airports provide these birds with easy hunting of rodents and other prey in the grassy expanses surrounding runways. Most raptors are large enough to cause significant damage even if a single bird collides with an aircraft.

Small to medium-sized flocking birds – including crows, blackbirds, starlings, doves and pigeons. While an individual bird of these species would likely not cause significant problems in a collision, their flocking behavior means that one-bird strikes are rare.



Wildlife Hazard Management Plan

The second step in minimizing airport-wildlife conflicts is exploring options to reduce the attractiveness of the specific airport and surrounding landscape to the species identified in the assessment. Feasible and potentially successful options to reduce wildlife hazards can be incorporated into an airport-specific plan, which describes the techniques and their implementation.

Management plans do not need to be elaborate or exhaustive but they should follow an integrated wildlife damage management approach. Namely, they should utilize all possible techniques at times and in situations where each technique is most effective and efficient at minimizing potential conflict.

A good plan manages both the environment and wildlife, and considers all possible mitigation techniques including:

Exclusion – Exclusion means any physical barrier installed to block access by wildlife to a particular area. The most common airport exclusion is a perimeter fence. Designed to keep people and large animals off of runways, a perimeter fence can be modified and maintained to exclude much smaller mammals and sometimes birds. Mesh netting or Nixalite™ can protect hangers from nesting and roosting birds, thereby reducing the number of pigeons, doves, or starlings in the area. Large plastic balls or grid wires installed over retaining ponds will keep many waterfowl from using these bodies of water.

Vegetation Management – Sometimes grass type and height attract certain species of birds and rodents. By altering these two characteristics, the airfield's attractiveness can be greatly reduced.

Habitat Management – Often unused properties on and adjacent to airport lands are overgrown with trees and shrubs. Simply clearing these areas can keep many birds and mammals from using them for nesting sites or cover from predators.

Cultural Alterations – Airports frequently use adjacent property as green spaces, parks, or leased cropland. Eliminating recreational feeding of geese at such parks reduces the likelihood that geese will be found in large populations nearby. Wildlife sanctuaries near airports can be managed to minimize certain species' populations. Limiting the type of crops that farmers grow on leased lands can reduce attractiveness to wildlife. On occasion, airport employees consider airport lands to be private hunting preserves; eliminating hunting activities on these properties reduces management for wildlife and can keep populations from becoming a problem.

Population Management – For example, reproduction of Canada geese can be significantly reduced by oiling or adding eggs, which requires registration with the U.S. Fish and Wildlife Service.

Dispersal – Harassment can disperse wildlife using noisemakers like fireworks, loud distress calls, or propane cannons. Some repellents, like methyl anthranilate, can work as a harassment tool. Scare-eye balloons, Mylar tape, and flagging also works in limited situations.

Population Reduction – In some instances, none of the described techniques work effectively to reduce particular wildlife hazards. In these cases, removal of the individual animal may become necessary through trapping, shooting and/or use of immobilization drugs. Wildlife Hazard Management Plans should consider the environmental consequences of all techniques.

Implementing a Wildlife Hazard Management Program

The third step in minimizing wildlife conflicts is actual implementation of your plan. Many techniques listed above can be utilized by airport personnel or other contracted personnel. Most exclusions and alterations to vegetation, habitat, and culture typically can be done without permits provided that no wildlife will be injured or killed by the specific action. However, Federal law protects all migratory birds. While harassment of most birds is legal, the actual lethal take or live handling is not allowed, unless the airport or individual contractor hold permits from the U.S. Fish and Wildlife Service.

Where to Start

Airport managers can start by contacting wildlife professionals who specialize in dealing with airports. Several private sector companies provide these services and can be found on the internet. The FAA and NASAO have signed memoranda of understanding with USDA's Wildlife Services (WS), the Federal agency that can assist managers throughout this process. WS has a network of trained and certified biologists throughout Kentucky who can provide airport site visits and wildlife consultations, develop wildlife hazard assessments and wildlife hazard management plans, and conduct operational management programs.

When appropriate, WS personnel work with the US Fish and Wildlife Service to evaluate wildlife control needs and initiate the depredation permit process. They are also certified to train airport personnel to recognize hazardous wildlife conditions and implement appropriate actions.

WS can provide assistance with many issues over the phone, but depending upon resources, personnel can also conduct site visits of the airport at no charge. Each time WS responds to a request for assistance, personnel will evaluate potential wildlife conflicts and provide guidance on the best techniques to resolve those conflicts. This includes:

- Outlining what actions airport personnel can take to resolve their own wildlife conflicts;
- Demonstrating how to implement any techniques that WS recommends;
- Outlining what actions can be taken by a private sector wildlife control operator; and
- Outlining what actions can be taken by USDA Wildlife Services.

Call: 606-878-9100 or 606-309-5097

London Corbin

FUN FOR THE WHOLE FAMILY

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Free admission

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Civilian Aircraft • Fire & Rescue

Inflatables for the Kids Food & Music

RED WHITE & BOOM

Food • Free Games • Fireworks

At College Park

After Open House

4PM to Dusk

South East Kentucky

Cruisers Car Club

**Gigantic
car show**

Call For Info: 606-231-7321



Kentucky
UNBRIDLED SPIRIT



Shell Aviation

www.londoncorbinairport.com



The CAF's B-29 "FiFi" is coming to AMK May 18-20

Come out and take a tour or a flight on the rarest World War II bomber that still flies.

You can re-live history and ride on one of the rarest World War II bombers in existence by taking a “Living History” BOMBER RIDE. This unique in-the-air experience allows you to sit in their seat and see and feel what our veterans encountered... minus the bullets and flak.

Once airborne you will be able to get up and move around (except FAA rules require the B-29 bombardier to stay seated). Your trip back in time will allow you to honor the sacrifices of countless men and women who fought and died for our freedoms.

Don't miss this “once-in-a-lifetime” experience. It's a definite must for your bucket list.

FIFI flies at an altitude of less than 10,000 feet and has an open-air, unpressurized cabin that holds ten passengers, four in front, and six in the rear. Her flight crew consists of six experienced, highly trained pilots, engineers and scanners.

Cameras are the only baggage allowed on flights.

Historic Flight Experiences range in cost from \$595 to \$1495 for a 30 minute flight.

All riders must be able to physically climb in and out of the aircraft on the own power, including climbing a ladder.

While not flying, FIFI will be on display and you will be able to view the plane and cockpit!

Museum Members are asked to help volunteer for this event and is doing so will be given free admission to the event. For more information, visit: <http://www.aviationky.org/>

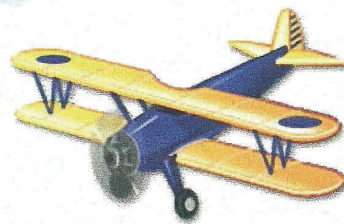
Madison Airport I39 Open House & Barbeque

Saturday April 21st

11:00am-3:00pm

124 Madison Airport Rd,

Richmond, Kentucky 40475



Drive or Fly in for a day of fun and barbeque at the Madison Airport! Bring along your friends, family and neighbors for this great community event and come see what has been going on at our local airport!

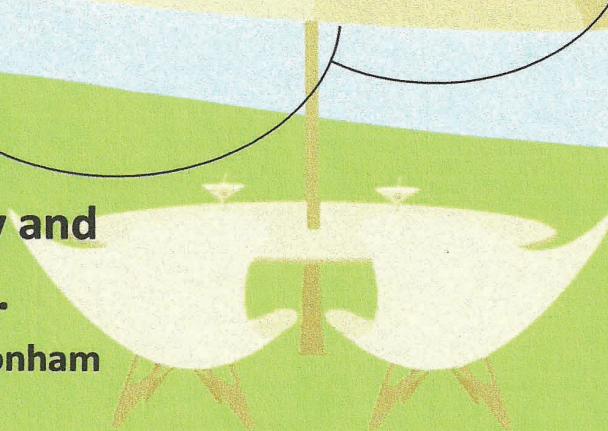
The event will be featuring:

- Barbeque served from 12:00PM to 2:00PM
- EKU Aviation
- Crosswind Aviation
- Premier Flight School

And our local EAA Chapter 892 will be offering free flights for kids ages 8-17!!

**Presented by
Eastern Kentucky University and
the Madison Airport Board.**

**For more information call Jason Bonham
@ 859-986-3913**



Wings & Wheels

FLY-IN ~ CRUISE-IN



MAY 12 AT THE AIRPORT

10 AM - 2 PM

Airplane Rides

\$25 donation per person
3-5 pm, weather & conditions permitting



Radio Controlled
Model Airplane
Exhibition

Food Booth

Stealth Fighter Photo Booth

Games For Kids



Display Your Car!

Automobile entrance fee of \$10 for Cruise-In
participation Includes free T-Shirt and Plaque

Muhlenberg County Airport

399 Airport Road, Greenville, KY.

Ph. 270-338-9419

*For questions regarding cancellation due to weather, visit <http://muhlenbergairport.com>

Kentucky Aviation Conference

September 5-7, 2012 • Galt House Hotel & Suites • Louisville, Kentucky

2012 Registration Form

Return Form and Payment To:

Darrell Watson, KAA, P.O. Box 22304, Lexington, KY 40522 or Fax (502) 367-0199

Questions? Call us at (859) 327-7778

Name (First, Middle Initial, Last): _____

Title: _____

Airport/Company: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____ Email Address: _____

Conference Registration (check all that apply)

- | | |
|--|-----------|
| ☐ Conference Registration: Non-KAA Member (includes all meals and events) | \$ 200.00 |
| ☐ Conference Registration: KAA Member (includes all meals and events) | \$ 175.00 |
| ☐ Conference Registration: Student (includes all meals and events) | \$ 75.00 |

Not a KAA Member? Sign-up Now! (check all that apply)

- | | | |
|--|---------------------|-----------|
| ☐ Membership Dues: Part 139 Commercial Service Airport | Jan 2012 - Dec 2012 | \$ 600.00 |
| ☐ Membership Dues: Corporate/Business | Jan 2012 - Dec 2012 | \$ 300.00 |
| ☐ Membership Dues: Fixed Base Operator/General Aviation Airport | Jan 2012 - Dec 2012 | \$ 200.00 |
| ☐ Membership Dues: NonProfit/Aero Club/Flying Club/Private Airport/Heliport | Jan 2012 - Dec 2012 | \$ 100.00 |
| ☐ Membership Dues: Individual/Private Pilot | Jan 2012 - Dec 2012 | \$ 40.00 |
| ☐ Membership Dues: Student | Jan 2012 - Dec 2012 | \$ 20.00 |

Sponsorship and Exhibit Opportunities! (check all that apply)

- | | | |
|---|---|-------------|
| ☐ Signature | Includes: 4 Registrations, 1 Exhibit Space, Full Page Ad in Program | \$ 2,500.00 |
| ☐ Platinum | Includes: 3 Registrations, 1 Exhibit Space, Full Page Ad in Program | \$ 2,000.00 |
| ☐ Gold | Includes: 2 Registrations, 1 Exhibit Space, Full Page Ad in Program | \$ 1,500.00 |
| ☐ Silver | Includes: 1 Registration, 1 Exhibit Space, 1/2 Page Ad in Program | \$ 1,000.00 |
| ☐ Bronze | Includes: 1 Registration, 1 Exhibit Space, 1/4 Page Ad in Program | \$ 700.00 |
| ☐ Exhibit Space Only | Includes: 1 Registration, 1 Exhibit Space | \$ 500.00 |

* All Exhibit Spaces come with complimentary electrical service and free wireless internet.

Special Events (please help us plan and check all that apply) | Spouse/Guest Name: _____

- | | | |
|--|---|----------|
| ☐ I plan to attend Frazier History and Arms Museum (free with registration) | ☐ \$10.00 for Spouse/Guest | \$ 10.00 |
| ☐ I plan to attend Commonwealth Luncheon (free with registration) | ☐ \$25.00 for Spouse/Guest | \$ 25.00 |
| ☐ I plan to attend Dinner Cruise - Belle of Louisville (free with registration) | ☐ \$25.00 for Spouse/Guest | \$ 25.00 |

☐ Check Enclosed (made payable to KAA) | ☐ Credit Card → ☐ MasterCard ☐ Visa ☐ American Express ☐ Discover

Name on Card _____

Credit Card No. _____ Exp. Date _____ CSC No. _____

For MasterCard or Visa, the last 3 digits in the signature area on the back of the card. For American Express, the 4 digits on the front of the card.

Billing Address for Card _____ City _____ State _____ Zip _____

Cardholder Telephone No. _____ Authorize Card to be Charged \$ _____

Signature of Cardholder _____

KAA accepts applications regardless of race, creed, sex, color, physical disability and national or ethnic origin

Kentucky Aviation Conference

Galt House Hotel & Suites

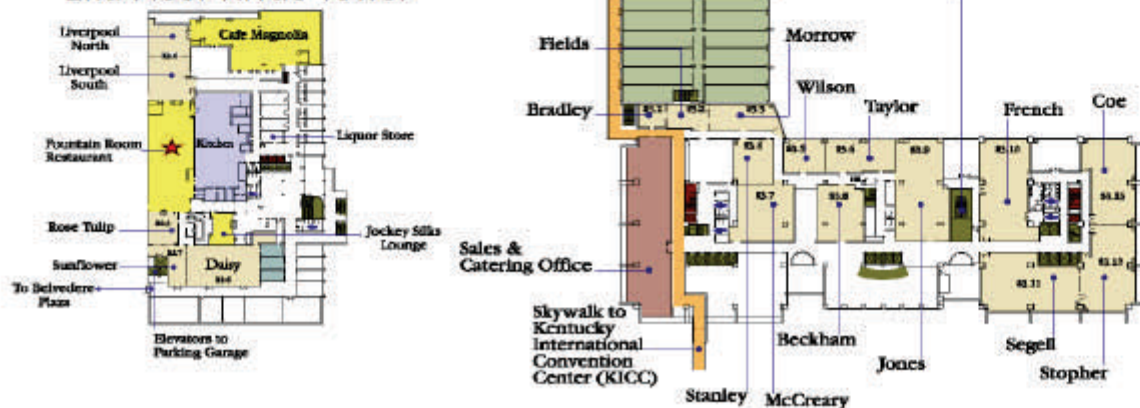
The Galt House Hotel & Suites with stunning views of the Ohio River and Louisville's skyline will once again play host to the conference. For reservations, you may contact the hotel directly at (800) 843-4258 or online at our website www.aviationkaa.org/conference.html and click on the link for "Special Kentucky Aviation Conference Room Rate." If calling the hotel directly, remember to ask for the special room rate provided for attendees of the Kentucky Aviation Conference.



3rd Floor Rivue Tower



2nd Floor Rivue Tower



Go to www.aviationkaa.org/conference.html to Book Online at Special Room Rates

Kentucky Aviation Conference

2012 Agenda

(subject to change)

Wednesday September 5th	Event	Location
10:00 am – 5:00 pm	Registration Open	Archibald – 3 rd Floor Rivue Tower
10:00 am – 5:00 pm	Exhibit Setup	Archibald – 3 rd Floor Rivue Tower
11:00 am - 12:00 pm	KAA Board Meeting	Willow - 3 rd Floor Rivue Tower
2:00 pm – 4:00 pm	Tour of Frazier History and Arms Museum	The museum is a short 10 minute walk from the hotel.
5:00 pm – 6:00 pm	Meet and Greet	Al J's Lounge 3 rd Floor Conservatory
6:00 pm – 9:00 pm	Open Dinner Night	
9:00 pm - 11:30 pm	Late Night Hospitality Suites	Locations posted at Registration
Thursday September 6th	Event	Location
7:30 am - 5:00 pm	Registration Open – Exhibits Open	Cochran – 3 rd Floor Rivue Tower
7:30 am - 8:15 am	Continental Breakfast	Cochran – 3 rd Floor Rivue Tower
8:30 am - 8:45 am	Presentation of the Colors 123 rd Airlift Wing Welcome & Opening Remarks Winn Turney - KDA Commissioner Darrell Watson – President KAA Phil Lynch - Chairman - Louisville Airport Authority	Archibald – 3 rd Floor Rivue Tower
8:45 am - 9:15 am	KAA Annual Membership Meeting	Archibald – 3 rd Floor Rivue Tower
9:15 am - 10:00 am	Featured General Aviation Airports Danville Airport Muhlenberg County Airport Mt. Sterling Airport	Archibald – 3 rd Floor Rivue Tower
10:00 am - 10:30 am	Break with Exhibitors	Cochran – 3 rd Floor Rivue Tower
10:30 am - 11:15 am	FAA NextGen Susan Parson - Editor <i>Safety Briefing</i> - FAA Washington	Archibald – 3 rd Floor Rivue Tower
11:15 am -12:00 pm	National Transportation Safety Board Honorable Earl F. Weener, Ph.D.	Archibald – 3 rd Floor Rivue Tower
12:00 pm - 1:30 pm	Commonwealth Lunch	Fountain - 2 nd Floor Rivue Tower
12:30 pm - 1:00 pm	Keynote Speaker Doug Murphy - Regional Administrator FAA Southern Region	Fountain - 2 nd Floor Rivue Tower



Don't miss these special events!

Frazier History/Arms Museum

Belle of Louisville Dinner Cruise



Kentucky Airports: The "Welcome Mat" for your Community

Kentucky Aviation Conference

2012 Agenda

(subject to change)

Thursday September 6th	Event	Location
1:30 pm – 1:45 pm	Awards & Announcements	Fountain - 2 nd Floor Rivue Tower
1:45 pm - 2:15 pm	Break with Exhibitors	Cochran – 3 rd Floor Rivue Tower
2:15 pm - 3:30 pm	Break Out Session #1 Airport Public Relations: "Don't Wing It!" Rick Bryant - Airport Development Group	Dogwood - 3 rd Floor Rivue Tower
2:15 pm - 3:30 pm	Break Out Session #2 Fuel 101 - From Tank to Wing	Holly - 3 rd Floor Rivue Tower
2:15 pm - 3:30 pm	Break Out Session #3 FAA Airports District Office - Memphis	Willow - 3 rd Floor Rivue Tower
3:30 pm – 4:00 pm	Break with Exhibitors	Cochran – 3 rd Floor Rivue Tower
4:00 pm - 5:15 pm	Break Out Session #1 Airport Public Relations: "Don't Wing It!" Rick Bryant - Airport Development Group	Dogwood - 3 rd Floor Rivue Tower
4:00 pm - 5:15 pm	Break Out Session #2 Fuel 101 - From Tank to Wing	Holly - 3 rd Floor Rivue Tower
4:00 pm - 5:15 pm	Break Out Session #3 FAA Airports District Office - Memphis	Willow - 3 rd Floor Rivue Tower
6:00 pm – 8:30 pm	Dinner Cruise and Awards on the River	Steamer Belle of Louisville
9:00 pm - 11:30 pm	Late Night Hospitality Suites	Locations posted at Registration
Friday September 7th	Event	Location
7:30 am – 12:00 pm	Exhibits Open	Cochran – 3 rd Floor Rivue Tower
7:30 am - 8:45 am	Continental Breakfast	Cochran – 3 rd Floor Rivue Tower
8:45 am - 9:30 am	Wildlife Hazard Management Plan Louisville Field Office United States Department of Agriculture	Archibald – 3 rd Floor Rivue Tower
9:30 am - 10:00 am	Break with Exhibitors	Cochran – 3 rd Floor Rivue Tower
10:00 am – 10:45 am	Aviation Education Dr. Tim Smith - President/CEO Kentucky Institute for Aerospace Education	Archibald – 3 rd Floor Rivue Tower
10:45 am - 11:30 am	Aircraft Owner and Pilots Association Bob Minter - Regional Manager Southern Region	Archibald – 3 rd Floor Rivue Tower
11:30 am	Closing Remarks	Archibald – 3 rd Floor Rivue Tower



Kentucky Airports: The "Welcome Mat" for your Community

TCOB
Kentucky Department of Aviation
90 Airport Road
Building 400
Frankfort, Kentucky 40601

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Department of Aviation Information:

Phone: 502-564-4480

Fax: 502-564-7953

Website:

<http://transportation.ky.gov/Aviation/>

Newsletter Email:

PHankla@ky.gov

The New Horizons Newsletter is prepared and designed by the Department of Aviation, and printed by the KYTC Division of Property and Supply Services. It is paid for with State Funds under KRS 57.375 and printed as a public service to the Aviation Community.



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R. Winn Turney
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