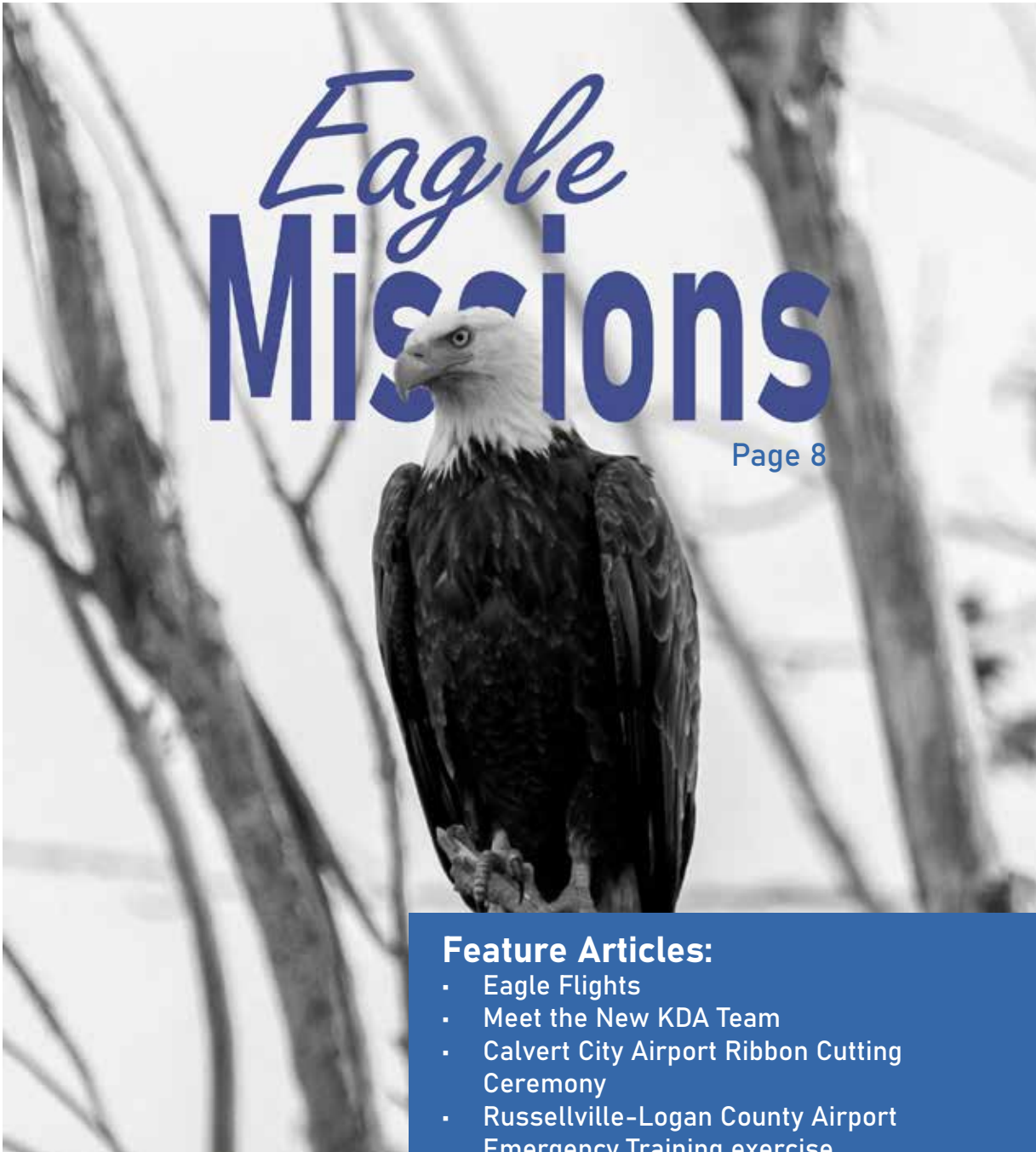


THE RUNWAY



Kentucky Department of Aviation



Eagle Missions

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Feature Articles:

- Eagle Flights
- Meet the New KDA Team
- Calvert City Airport Ribbon Cutting Ceremony
- Russellville-Logan County Airport Emergency Training exercise
- Legislative Session Update
- Drone Safety Day
- ...and more



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LETTER FROM THE COMMISSIONER



Commissioner Carter looks at Ford Tri-Motor aircraft

into additional federal support to maximize the impact of these funds.

I have been visiting airports and aviation businesses since my appointment last summer. We have great things going on across the state and even greater people within Kentucky's aviation community that have made my role as Commissioner a wonderful experience so far. I look forward to working with each of you in the coming months as we elevate our industry to greater heights.

Best wishes to you and yours,

Mark Carter
Commissioner
Kentucky Department of Aviation

Hello to all friends in aviation!

Schools out for summer, flowers are full bloom and it's flying season! The calendar of events across the Commonwealth is filling up quickly and I hope to see you at an event in the coming months.

It's been an eventful legislative session with some positive progress and more to come during the next session. On the positive side, the legislature appropriated \$200,000 for each airport to be paid after July 1, 2022. Guidance regarding the \$200,000 will be sent in an email to the airport boards. Additionally, there were bonds issued for projects at three directed airports and Eastern Kentucky University received an additional \$3.5 million toward their new terminal/classroom building.

Unfortunately, the legislature did not authorize additional funding for airport infrastructure or for workforce development initiatives. While the \$200,000 appropriation is helpful to an individual airport, it does not directly help with reducing the backlog of pavement and other projects. The Department of Aviation (KDA) will provide guidance to airports around how to leverage this funding



Commissioner Carter poses with his Beechcraft Bonanza

MEET THE NEW KDA TEAM



MEET SHELBY

Many of you have likely had the opportunity to meet Shelby Peel, Assistant to the Commissioner, whether in person or by phone when processing invoices, setting

up grants, or coordinating new initiatives at KDA. Shelby has extensive state and KYTC experience in various roles. Drawing upon that experience, she has been instrumental in improving every office of the department, as well as multiple offices within the Capital City Airport Division.

Shelby began her state government career as a summer intern while attending Morehead State University in 2006 and has spent her 16-year tenure solely with the Transportation Cabinet.

During her time with the Cabinet, Shelby has served in a variety of offices, including nine (9) years with the Office of Inspector General, Investigator for the Office for Civil Rights and Small Business Development, Disadvantaged Business Enterprise Branch and Project Manager for the Department of Rural and Municipal Aid, Office of Rural and Secondary Roads. Shelby has also served as the Cabinet Lead for the Kentucky Employees Charitable Committee for the past six (6) years. She has boundless energy and is always willing to assist.

Shelby and her husband Ben reside in Georgetown with their daughters Ember, 3, and Eliza, 2.

MEET JERMAINE

Jermaine Bibb is the new KDA Media & Aviation Engagement Coordinator. Jermaine is a young pilot with his instrument and soon-to-be commercial ratings. Jermaine lives in Louisville KY, flies out of Bowman Field, and has experience developing social media content centered around aviation and working with kids through the EAA Young Eagles program. Jermaine is also father to his daughter Milani, age 2.

His professional experience includes working the Flight Line at Bowman Field and serving as a Customer Service Representative at Louisville Executive Aviation. He will be working at KDA to expand our media presence in various social platforms, as well as raising the level of aviation engagement of both flying and non-flying Kentuckians. Expect to see Jermaine at aviation-related events and your airport in the coming months. If you have any airport events or information to share in one of our email blasts, send it his way.





MEET STEFANIE

Stefanie is an experienced pilot from the Army National Guard who joined KDA as an Interim Pilot in 2022. Stefanie has a Bachelor of Science in Biology from NC State University and was also an accomplished skydiver while in school. She officially started her career in aviation after college when she moved to Alaska and joined the Alaska Army National Guard as a Blackhawk mechanic/crew chief in 2010. She was accepted into the Warrant Officer Corps and attended flight school in 2012 where she became a Blackhawk pilot. Stefanie is currently a Chief Warrant Officer 3 in Bravo 2-147th Air Assault Company, serving as the company Safety Officer and Maintenance Test Pilot in KY. She has one combat deployment to Iraq and Syria in 2019. In the evenings and on weekends Stefanie is a fixed wing flight instructor for Trident Aircraft at Capital City Airport. Stefanie's varied type ratings allow her to fly both the fixed wing and helicopter missions for KDA and the Capital City Airport Division.

MEET WAYNE

Wayne graduated from the University of Kentucky with a Bachelor of Science in Civil Engineering in December of 1998. He began his career as an Outside Plant Engineer for Parsons Telecom. In 2000 Wayne started work as an airport designer for HMB Professional Engineers where he worked for more than five years. In 2005, he started his career with the Kentucky Transportation Cabinet. In his 16 plus year career at KYTC, Wayne has worked in the Department of Highways Divisions of Maintenance and Construction Procurement and in the Department of Rural and Municipal Aid. He joined the Department of Aviation in February 2022. On April 16, Wayne was promoted to Transportation Engineering Branch Manager for the Engineering Branch.



AIRPORT NEWS



Ribbon cutting ceremony for the new T-Hangars outside of the recently renovated Terminal

CALVERT CITY AIRPORT RIBBON CUTTING CEREMONY

Calvert City Airport, formally Kentucky Dam State Park Airport, had a T-Hangar dedication ceremony on April 8 to celebrate the opening of their new T-Hangars. KDA was invited for the ribbon cutting along with a big crowd of local officials and locals from Calvert City. The new hangars are part of the continuing improvements at Calvert City Airport since their leasing of the airport from the state.

The new T-Hangars compliment the new runway overlay, lighting, fuel capabilities, and terminal renovation. Their commitment to making their airport all it can has drawn in tenants from around the region and they now have every hangar bay rented. We are very happy for their impressive success in filling up the airport.



Plaque at Calvert City Airport's recently renovated terminal recognizing former Capital City Airport Manager and KDA Airport Inspection Branch Manager John Marcozzi for his vision and leadership in initiating the long-term lease and transition of operation of the Kentucky Dam State Park Airport to Calvert City Airport or as locals call it, 'Marcozzi Field'.



City Administrator and Airport Manager John Ward was the emcee of the event sharing the story of how Calvert City came to lease the airport. Other presenters included (left to right) KDA Commissioner Mark Carter, Mayor Gene Colburn, Hanson Engineering Consultant Tim Haskell, and AIE Engineering Aviation Director Todd Bloch.

EMERGENCY PREPAREDNESS



Several emergency agencies participated in the mock plane crash held at the Russellville-Logan County Airport

RUSSELLVILLE-LOGAN COUNTY AIRPORT EMERGENCY TRAINING EXERCISE

PHOTOS AND ARTICLE USED WITH PERMISSION
BY CHRIS COOPER OF THE NEWS-DEMOCRAT & LEADER

The following article was submitted by Russellville/Logan County Airport Manager Cassie Sobey from the News-Democrat & Leader. The article not only conveys the importance of emergency preparedness but also demonstrates how effectively the Russellville Airport interacts with the local community and emergency services.

Here is an excerpt:

Emergency Preparedness. No one ever likes to think about bad situations or emergencies but unfortunately bad things like accidents happen and how you, or your airport and community, responds can mean the difference between life and death in the minutes following an accident or incident on or around your airfield.

On Thursday, Oct. 21st, the Russellville-Logan County Airport conducted an emergency training in conjunction with Logan County Emergency Management and several other local emergency services.

The drill included a 12-passenger aircraft that crashed at the beginning of the runway when its landing gear failed, causing the plane to roll and break in half. A jet cockpit and fuselage, loaned out by the Bowling Green Fire Department, made the exercise very real, said Terry Cole, Assistant Director of the Logan County Emergency Management.

Participating in the drill were the Russellville Rural and City Fire Departments, the Russellville Police and Logan County Sheriff's Departments, Logan County Coroner's Office, Air Evac, Logan County's Ambulance Service, the Burden Bearer Chaplains, and Logan Memorial Hospital.

"The Russellville-Logan County Airport reached out to Emergency Management to facilitate the exercise," said Cole who feels it went really well.

"One of the reasons why you have an exercise like this is to identify where you need to improve and be prepared if something like this



Mock plane crash held at the Russellville-Logan County Airport

occurs in the future,” said Cole. The leaders of the emergency service agencies will now sit down together and discuss the exercise, looking at ways to make the response better.

Cassie Sobey, Manager of the Russellville-Logan County Airport said, “All the residents of the City of Russellville and Logan County can certainly be proud of the incredible professional emergency resources they have available to them.”

Sobey added that Cole did a fantastic job in bringing everyone together and overseeing the drill. She also mentioned the Russellville and Logan County law enforcement, Logan County



Paramedics with the Logan County Ambulance Service participate in the mock plane crash.

EMS, Air Evac, the Chaplin Service headed up by Mike Humble, the fire departments, and Chief Cheryl Allen from Russellville Rural Fire who oversaw incident command. Sobey thanked the Bowling Green Fire Department for loaning the jet cockpit and fuselage for the exercise, and Tom Moore from Utility Precast Products for arranging the transport of the equipment.

“Training exercises like this are imperative for the airport to ensure the emergency service knows where everything is located, and training for me as Airport Manager to make sure the proper protocols are followed. I did indeed learn a great deal from this exercise and would like to thank all those involved for doing such an incredible job,” said Sobey.



Paramedics with the Logan County Ambulance Service participate in the mock plane crash.



[Click HERE](#)
for the article
online

EAGLE FLIGHTS



Avian Biologist Kate Slankard and Biologist Michael Patton during an eagle flight.

FISH & WILDLIFE - EAGLE FLIGHTS

BY: JERMAINE BIBB

The Kentucky Department of Aviation (KDA) has an important mission focused on airports and workforce development. It also operates a commercial-like aviation business. KDA's aircraft fleet and pilots, provide services for several state and federal agencies.

These flights generate revenue for the Capital City Airport and allow the agencies to meet their missions in an efficient and cost-effective manner. One important relationship for KDA is with the Kentucky Department of Fish and Wildlife Resources (KDFWR) for tracking and monitoring the nests of bald eagles.

To monitor Kentucky's nesting bald eagle population, the KDFWR conducts aerial surveys of eagle nests and has done so since 1986.

Kate Slankard, an Avian Biologist with KDFWR, says, "We fly because it allows us to check a lot of nests in a short period of time. We can also view the contents of the nests easily from the helicopter without disturbing the birds."

Two working days out of the year are set aside for the KDFWR and the KDA to conduct their count so that biologists, like Kate Slankard can monitor the health of our national bird, the bald eagle. Helicopter flights allow the KDFWR to cover large portions of our state quickly and to reach very remote areas inaccessible by motor vehicles.

Nest monitoring flights are conducted in the spring when the birds are on the nest. Information gathered by KDFWR and KDA is used to monitor the once endangered species. Bald eagles are an excellent species to observe as an environmental indicator. "Declines may alert us to environmental problems like the pesticide DDT which caused eagle declines in the past," Slankard said.

Due to a high concentration of suitable habitat, most eagle nests were in western Kentucky during the years 1986 through 2005. Today, bald eagles and nests are increasingly common in central and eastern Kentucky. In fact, territories occupied by bald eagles have increased more than 400 percent; from 43 sightings in 2006 to 187 sightings in 2019! So far in 2022, 34 nests have been counted in the eastern region of Kentucky alone. New eastern Kentucky nesting locations were found in Clinton County, Johnson County, Montgomery County, and Rockcastle County.

Eagles are magnificent raptors. Adults have wingspans of six to seven feet and weigh 7-14

pounds, with the young birds being as large as the adults by the time they learn to fly and leave the nest. Observing them from the air in a KDA helicopter is quite a sight.

KDA's aircraft fleet is at the service of all state agencies. Agencies like KDFWR help support the ongoing operations of the KDA, and the Capital City Airport, which helps provide all our general aviation airports with fuel sales and other benefits. This funding is a vital segment for the state's aviation system and an effective partnership for Kentucky's rising economy.



A bald eagle sits in nest. Photo by: R. Stainfield



Many agencies utilize our Fleet Services to carry out missions such as eagle and bear flights, fire spotting, and transportation of staff and elected officials.

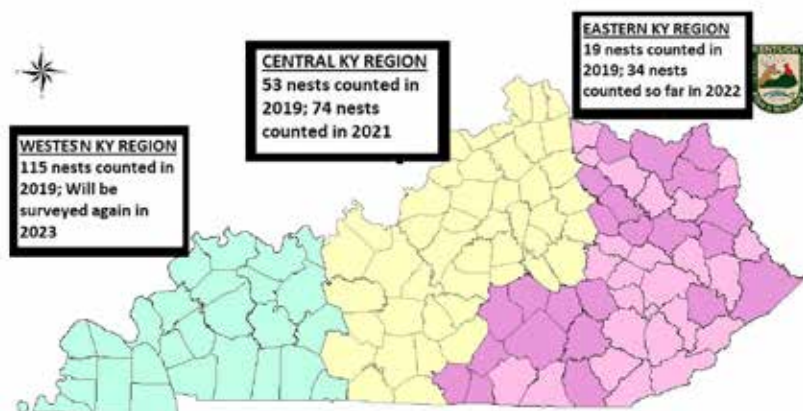
The Department of Aviation's Capital City Airport Division provides safe and cost effective in-state and out-of-state transportation for State employees. Elected officials and state employees are encouraged to utilize state aircraft whenever conducting official business and when time is essential. Flying increases employee productivity and is often the most cost-efficient means of travel when comparing driving time, lodging and meal expenses.

WHO CAN USE THE STATE AIRCRAFT?

Any state agency personnel, elected officials, Kentucky Universities and Community & Technical College System staff and people doing business with the State.

HOW DO I SCHEDULE A FLIGHT?

Four easy steps can be found on our website at <https://transportation.ky.gov/Aviation/Pages/fleet.aspx>



Bald eagle spotting data provided by Biologist Kate Slankard

LEGISLATIVE SESSION UPDATE

Like most legislative sessions, this year was fast-paced and ever-evolving during the four months legislators were in Frankfort. KDA funding continues to be primarily funded by Jet Fuel Tax (JFT), along with interest on any carryover funds from awaiting projects to start construction. However, there were some additions through directed funding allocations for specific airports.

As mentioned in the Commissioner's letter, there will be a \$200,000 allocation to each of the 57 public use airports in operation. This money will be especially helpful for the GA airports in maximizing their federal monies within the Bipartisan Infrastructure Law (BIL).

Per HB 241 (Transportation Budget Bill) there are going to be three bonds issued

for directed projects. The first bond is \$5.3 million for Barkley Regional, the second legislative session update bond for \$8 million for Mt. Sterling/Montgomery County Airport and the third bond is \$7.7 million for Samuels Field in Bardstown/Nelson County. These bonds will be issued in the 2024 fiscal year for projects.



ENGINEERING



As mentioned in the Inspection Branch section of this newsletter, Joe Carter has transferred over to the Engineering Branch to further strengthen our engineering capabilities. We are continually working to process our airport projects in a timelier manner as well as approving and paying invoices as quickly as they arrive. Our turnaround time of submitted invoices is normally within three days before they are forwarded to accounting.

One of the changes is our new two-phase approach to granting projects. We will complete the design work in the first phase. Once we have the design work complete with more accurate cost estimates, we amend the grant for the bidding and construction phase. This two-phase approach helps us more accurately allocate funding and manage the projects.

CURRENT PROJECTS

THE ROTATING BEACON AT THE MURRAY-CALLOWAY CO. AIRPORT

There are several rotating beacon projects around the state, some of which involve refurbishing or replacing the beacons. A few beacons just need some care and a good paint job.

Here is a recent picture of Murray-Calloway Kentucky airport's recent paint job that the airport board had completed. A clean and good-looking tower is a welcoming site for visitors flying in and helps make the entire airport look maintained.

Before and after pictures of the rotating beacon at the Murray-Calloway Co. Airport.



BEFORE

AFTER



PROJECT AND FUNDING REPORTING

One of the requests from the Aviation Caucus and legislators was for KDA to be more transparent in our reporting of projects and funding distribution. In recent newsletters, we have listed our projects that were recently closed as well as those currently open and under construction. To make these projects and our funding more readily available on an as-needed basis to whoever maybe interested, we have added a section to our KDA website that has all our projects, funding, and future requests from airports in the form Pre-Applications (commonly referred to as Pre-Apps). These are update the first week of each month.

Visit the new webpage at <https://transportation.ky.gov/Aviation/Pages/Projects-and-Funding.aspx>



AIRPORT PAVEMENT (PCI) MAP

Another feature that we recently added to our website is airport pavement maps reporting all the GA airports pavement conditions in a convenient dashboard. Pavement conditions are expressed in a Pavement Condition Index (PCI). The site consists of several levels of access. The first level is public and shows each airport's pavement condition by section of pavement. The second level of access is for each individual airport board or manager to login and see the types of projects that would help improve their PCI.

Link to the PCI Maps webpage at <https://transportation.ky.gov/Aviation/Pages/Engineering.aspx> under **Engineering Resources** on the right side.

AIRPORT INSPECTIONS



Contractors work on runway at Kentucky airport.

Terry Hancock has been promoted to the Airport Inspection Branch Manager position that opened when Joe Carter transferred over to the Engineering Branch. Terry has been with KDA since 2007 in various roles and most recently has been an airport inspector since 2016. Prior to joining KDA Terry spent 23 years with the Kentucky Army National Guard center serving as a Huey UH-1 Helicopter pilot as well as several various other roles within the Guard. Be sure to congratulate Terry the next time you see him at your airport.

The inspection season is ramping up for the new calendar year. Terry and the inspection team will be out in the field inspecting and assisting airports to be their best. Joe Carter, while still working in the Engineering Branch, will participate in inspections throughout the year as needed, as well as Deputy Commissioner Brad Schwandt who recently became certified in airport inspections.

Airport inspections are required by both the FAA and State regulation (KRS 183.090 and 602 KAR Chap 20). These inspections are in place to ensure that the flying public can expect a standard of safety and consistent design when operating in and out of any Kentucky Public-

Use Airport. From a public use aspect, KYTC provides significant support for Kentucky's public use airports and all of us in aviation have a responsibility to help maintain the visual appearance of our airports. Our airports are not only gateways to the respective communities across the state, but each airport is also a representative ambassador for the entire state of Kentucky.

Our Inspection process occasionally identifies trash, junk, and abandoned equipment residing on the airfield. With the help of airport tenant volunteers, spring cleanings can go a long way towards giving an airport an annual facelift. With the millions that are invested in GA airports each year towards pavement and vertical structure, it is a relatively small ask of the local aircraft owners and operators to give back and invest in the visual appearance and well-being of their airport community.

Regarding expectations, airport operators can expect to see evolving changes in the reporting of the inspection results from KDA over the coming season. The intention of the changes is to help both the operator and the KDA Engineering Branch in developing future projects based on airport needs and the operation.

Based on the chart below, airports can have an estimate on when our inspectors will visit each year.

2022 INSPECTIONS (June-August)		
Zone 6	Zone 7	Zone 8
June	July	August
Cynthiana - 018	Ashland - DWU	Harlan - I35
Falmouth - K62	Hazard - CPF	London - LOZ
Flemingsburg - FGX	Jackson - JKL	Middlesboro - 1A6
Frankfort - FFT	Morehead - SYM	
Georgetown - 27K	Pikeville - PBX	
Bowman - LOU	Prestonsburg - SJS	
Mt. Sterling - IOB	West Liberty - 913	
Stanton - I50		

If you have any airport inspection questions, contact Terry Hancock at 502-564-0371.



Both state and federal inspections include but are not limited to:

1. Pavement – all pavement areas (runway, taxiway, aprons, vehicle parking, etc.)
2. Airfield Pavement Markings
3. Runway/Taxiway Edge Lighting Systems
4. Fuel Systems – fire extinguishers, spill kits, filter change dates, grounding cables/clamps, after hours/emergency phone numbers, overall condition, and cleanliness
5. Runway and Taxiway Safety Areas
6. FAA Title 14 CFR Part 77 Approach Slopes
7. Navigational Aids; Segmented Circle, Wind Cone, Beacon, PAPIs, REILSs, etc.
8. Overall aesthetics of the airport to include the condition of the U.S. and Commonwealth flags and installation of the Governor's signage



SMALL UNMANNED AIRCRAFT SYSTEMS (sUAS)

DRONE SERVICES

After Glenn Anderson's retirement, KDA is still seeking a UAS pilot and hopes to fill that position soon.

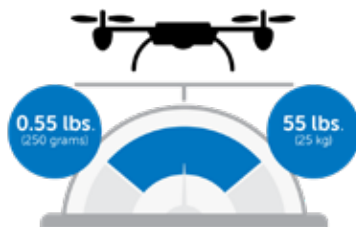
While Glenn may have moved on, his legacy and work lives on in his work supporting the various Cabinets in Kentucky government.

KDA works with several agencies to provide flight services. One example of this cooperation is with the Energy and Environmental Cabinet.

The Energy and Environment Cabinet has been using drones to better understand Kentucky's landscape and natural resources. Here is a video about how the agency is exploring innovative ways to use this technology. (Link: <https://youtu.be/xtVe9W46G54>)



www.FAA.gov/uas/



FAAdronezone.faa.gov

Register your aircraft using this website if it weighs more than 0.55 lbs. (250 grams) and less than 55 lbs. (25 kg).



DRONE SAFETY DAY

Saturday June 18th is Drone Safety Day. The FAA is inviting the drone community to be part of its 2022 Drone Safety Day campaign on Saturday, June 18. This year's campaign will be a one-day national event, to encourage drone pilots and recreational flyers to "Fly RIGHT."

The safety message for Drone Safety Day 2022 is **Fly RIGHT**:

- Register your drone at DroneZone
- Interact with others
- Gain knowledge
- Have a safety plan
- TRUST and Train

Find an event in your area at <https://ncatech.org/about-drone-day/>

 **KNOW** BEFORE YOU **FLY**
knowbeforeyoufly.org

CALENDAR & EVENTS

KDA issues a monthly email blast listing upcoming airport and aviation-oriented events across the state. If you are not already on the email list and want to stay up to date, [click here](#) to be added:

GOT ANY AVIATION NEWS OR EVENTS?

We want to help you get the word out! Keep us informed on any aviation news and events across the state. Send submissions to kytc.aviation@ky.gov



2022 AVIATION EVENT NEWSLETTER

[CLICK HERE](#)

Sign up for our events newsletter email blast and other Kentucky aviation news!

Visit our webpage or [CLICK HERE!](#)



**KENTUCKY
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and other Kentucky aviation news!
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A black Model T Ford parked along side a Ford Trimotor at Capital City Airport in Frankfort, KY. Photo by: Gene Roach