

# Montana and the Sky

Montana Department of Transportation

Aeronautics Division

Vol. 70, No. 05

May 2019

## Yellowstone Airport Welcomes Its Newly Extended Airline Season!



*Delta flight departs Yellowstone Airport Photo Credit: Michael Moore*

SkyWest Airlines is pleased to resume jet service from Salt Lake City Airport (KSLC) to Yellowstone Airport (KWYS) for an extended summer season, starting May 9 and continuing until October 13. The seasonal Delta Connection service ensures visitors to Yellowstone National Park can enjoy quick, convenient flights and unmatched access to the world's first national park.

"These convenient direct flights to the Yellowstone Airport give travelers more time to experience the beauty of the park," said Greg Atkin, SkyWest Airlines Managing Director – Market Development. "Now is the perfect time to plan and book a Yellowstone vacation."

Round-trip jet service will be available May 9 until October 13 onboard a 50-seat Canadair Regional Jet (CRJ200). These flight options ensure passengers are able to easily connect to hundreds of destinations around the world through Delta's global network in Salt Lake City.

"Yellowstone Airport is very excited for the newly extended season," says Jeff Kadlec, Airport Manager, Yellowstone Airport. "The extra weeks added to our existing air service will provide easier and more convenient access for both the community and our visitors." Yellowstone Airport is the closest airport to America's first national park, only two miles from the west entrance. Fly directly to Yellowstone National Park via West Yellowstone!

SkyWest Airlines has proudly partnered with the West Yellowstone community since 1986 to provide quality air service. The airline is a leading CRJ200 operator and has been named the manufacturer's most reliable operator in North America five times.

# Military Training Exercise Scheduled in Eastern Montana Powder River Training Complex

Combat Raider, a military training exercise involving various kinds of aircraft, will begin on May 14<sup>th</sup> in parts of the Powder River Training Complex and in Temporary Rushmore Air Traffic Control Assigned Airspace. The exercise will end on May 16<sup>th</sup>.

Combat Raider is designed to provide realistic scenario-based military training through a full spectrum of modern threats to replicate today's combat operations. From May 14<sup>th</sup> through May 16<sup>th</sup>, people living under the Powder River military operations areas can expect to see and hear multiple types of aircraft utilizing these areas simultaneously.

There will be potential for loud noises and sonic booms. All bomber supersonic activity will take place above 20,000 feet and all transient fighter supersonic activity will take place above 10,000 feet. People living under the Powder River Two, Three and Gap B training areas should expect to be affected; however, sonic boom activity is possible throughout the entire Powder River Training Complex.

Non-military aircraft should thoroughly review FAA NOTAMs and flight plans to avoid these areas and altitudes where military aircraft will be participating. Please call 1-800-WXBRIEF or visit <https://sua.faa.gov/> and <http://www.1800wxbrief.com> for more information.

NOTAMs will be issued 72 hours prior to start and will serve as final official notice for the exercise.

## VOLUNTEERS NEEDED AT WORK SESSIONS

Please consider volunteering at the following work sessions:

May 25, 2019 — Spotted Bear Work Session

June 13, 2019 — Del Bonita/Flying Farmers of America Work Session

June 22, 2019 — Meadow Creek Work Session

July 20, 2019 — Schafer Meadows Work Session

## Aviation Career Exploration (ACE) Academy June 25–26, 2019

SEE APPLICATION ON PAGES 3 & 4

The 2019 Aviation Career Exploration Academy for high school students will be conducted in Helena on June 25 and 26, 2019. The two-day resident camp will immerse students in wide-ranging aspects of aeronautics that will include flights in general aviation airplanes. Other activities may include a tour of a state-of-the-art aerospace manufacturing facility, visits to a static Boeing 727 flight deck, the Army Aviation Helicopter squadron, the cab of an air traffic control tower, and the aviation maintenance technician program at Helena College. Cost of the academy is \$120 and includes all meals and double occupancy lodging. Contact Patricia Trooien for questions at (406)-444-2506 or [ptrooien@mt.gov](mailto:ptrooien@mt.gov).



Tim Conway, Administrator

**Montana and the Sky**  
Department of Transportation

Steve Bullock, Governor  
Mike Tooley, Director

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# 2019 ACE Academy

Hosted by the MDT Aeronautics Division

**Clinic Date: Tuesday, June 25 - Wednesday, June 26, 2019**

**Clinic Location: Helena, MT**

**FOR OFFICE USE ONLY**  
ACC-LTR \_\_\_\_\_  
CHECK # \_\_\_\_\_  
ACCT # 528830  
ORG: 403042

## Attendee Information

Female  Male

Name:   
Address:   
City:   
State:  Zip:

Preferred name for name tag:   
Birthday:   
In June of 2019, my age will be:   
My Grade level will be:

Name of School:

Parent/Guardian:   
Contact Phone#:   
Work Phone#:   
Email:

Parent/Guardian:   
Contact Phone#:   
Work Phone#:   
Email:

Emergency Contact(s):

Do you live in Helena, MT?  Yes  No      If yes, will you need a hotel room during the ACE?  Yes  No

Additional Comments:

Tuition is \$120.00 per student and includes meals, lodging, and all activities. Enrollment is limited to 12 students, so please apply early. A limited number of scholarships will be available and awarded based on the personal essays that are submitted. MDT will notify you if your essay is selected for a scholarship and your original payment will be refunded.

Please mail in the following items with this completed application:

- 1) A one-page essay on why you want to attend the ACE Academy, including your aviation or other career goals.
- 2) A letter of recommendation from an instructor/teacher or pilot.

\*\*\*SCHOLARSHIP APPLICATIONS MUST BE POSTMARKED NO LATER THAN **MAY 18, 2019**\*\*\*  
\*\*\*NON-SCHOLARSHIP APPLICATIONS MUST BE POSTMARKED NO LATER THAN **JUNE 1, 2019**\*\*\*



Montana Department of Transportation  
Aeronautics Division  
Aviation Career Exploration (ACE) Academy

MDT Aeronautics Division  
2630 Airport Road  
P.O. Box 200507  
Helena, MT 59620-0507  
Ph: 406.444.2506  
Fx: 406.444.2519

**The following must be completed to be considered for the ACE Academy**

The undersigned parents/guardians and participants agree as follows:

**RELEASE OF LIABILITY**

I, the undersigned, desire to voluntarily participate in the ACE Academy. I represent that I am knowledgeable of this activity and the risks of personal injury, death, damage to my property, or damage to myself and to others which may be associated with the activity. Notwithstanding these risks, I wish to assume them by voluntarily participating in the ACE Academy and in any travel associated with the ACE Academy.

I understand and agree that the State of Montana, MDT, Aeronautics Division accept no responsibility in the activity, the receipt and sufficiency of said consideration being hereby acknowledged, I hereby do release, relieve, discharge and hold harmless the State of Montana, Montana Department of Transportation, and MDT's Aeronautics Division, their officers, directors, staff and representatives from any and all liability to me and my personal representatives, heirs, successors and next of kin, whether for personal injury, death, property damage, or otherwise, arising out of or in connection with participating in the ACE Academy and any travel associated with the ACE Academy.

**PERMISSION FOR MEDICAL TREATMENT**

I believe my child is physically and mentally capable of participating in all aspects of the ACE Academy. It is my duty to consult a physician to get approval if my child had or now has an injury or illness that would limit or prohibit such activities. I hereby grant permission to take my child to any appropriate medical facility for emergency treatment.

Allergies/Medical Conditions:

Is the applicant covered by health insurance?  Yes  No

**Additional Comments:**

**CONSENT FOR PROMOTION**

We hereby grant permission to photograph and/or interview participant for promotional purposes.

The undersigned hereby agree to follow the rules of conduct established for the ACE Academy. We have read this entire document and fully understand each term and condition set forth above.

Applicant Name

Signature

Date

Witness Name

Signature

Date

Parent/Guardian Name

Signature

Date

**Return Completed Application, Essay & Letter to:**  
MDT Aeronautics Division  
PO Box 200507  
Helena, MT 59620-0507

# Richard Allan Fox, Jr., Receives Wright Brothers Master Pilot Award

Congratulations to Richard Fox, who on March 13, 2019, received the most prestigious award a pilot can receive from the FAA, the Wright Brothers Master Pilot award. Richard is an accomplished pilot with over 50 years of safe flying. His flying career started in June 1968 when he earned his private pilot certificate while serving in the United States Air Force. Richard holds Commercial Pilot, Airplane Single and Multiengine Land and Instrument Airplane certificates and ratings.

Richard flew a C7A Caribou May 1969 to August 1970, and a B52(D, F, H) Stratofortress – September 1970 to September 1974 in the Republic of Vietnam (1973 in Southeast Asia). Richard's citations include: Distinguished Flying Cross, five oak leaf clusters, Presidential

Unit Citation, Air Force Outstanding Unit Award with "V" device, and Vietnam Service Ribbon with bronze star. Richard has a total flight time of about 2,300 hours, with approximately 1,100 combat hours.

Richard is also an accomplished Archaeologist holding a PhD from the University of Calgary and numerous academic and research posts at both the Universities of South Dakota and North Dakota. Richard has authored *Archaeology, History and Custer's Last Battle* and co-authored *Archaeological Perspectives on the Battle of the Little Big Horn* and *Archaeological Insights into the Custer Battle*, as well as various academic articles. Richard has also received academic awards and recognitions too numerous to list.

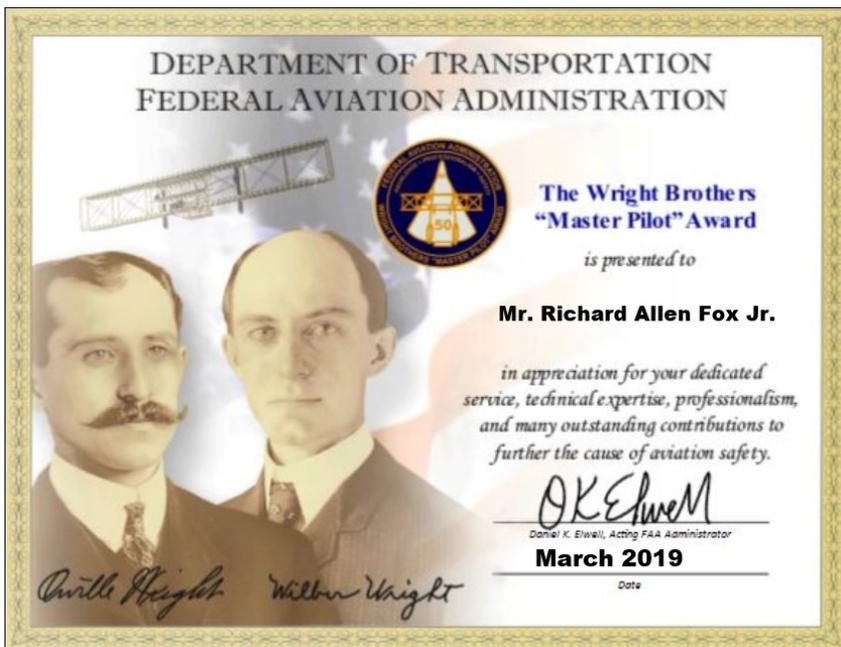
Richard retired in 2011 and currently resides in Clancy, Montana. He keeps busy hosting "sleep-overs" for his grand nephews and nieces, and rooting them on at gymnastic meets, baseball and football games, music recitals, school plays, plus you name it. Richard is active in community affairs, including the Military Affairs Committee of the Helena Area Chamber of Commerce and the Montana Military Museum.

Richard delights in flying, which he still does because he can. He hangs out on the flight line a lot, telling whoppers with the old pilots. He also spends time at the family cabin in the Wolf Mountains, laying in firewood, mowing the lawn, fixing things, and relaxing in front of the fire with a fine scotch.

Information on the Wright Brothers Master Pilot Award, eligibility how to apply, and a recipient's "Roll of Honor" can be found by visiting <https://www.faasafety.gov/content/MasterPilot/>.



*Jeff Verco, Federal Aviation Administration Safety Team Program Manager presented Richard Fox with the Wright Brothers Master Pilot Award*  
*Photo Credit: Tim Fox*



# Emergency Locator Transmitter (ELT) Requirements

In 2009, the satellites that monitored the 121.5 MHz frequency were decommissioned. There is currently no satellite-based system in place that will automatically trigger a Search and Rescue (SAR) if one of these older type beacons is activated. Newer distress beacons such as all 406 MHz Emergency Locator Transmitters (ELTs) are monitored by a global network of satellites, offering automatic detection by the Airforce Rescue Command Center.

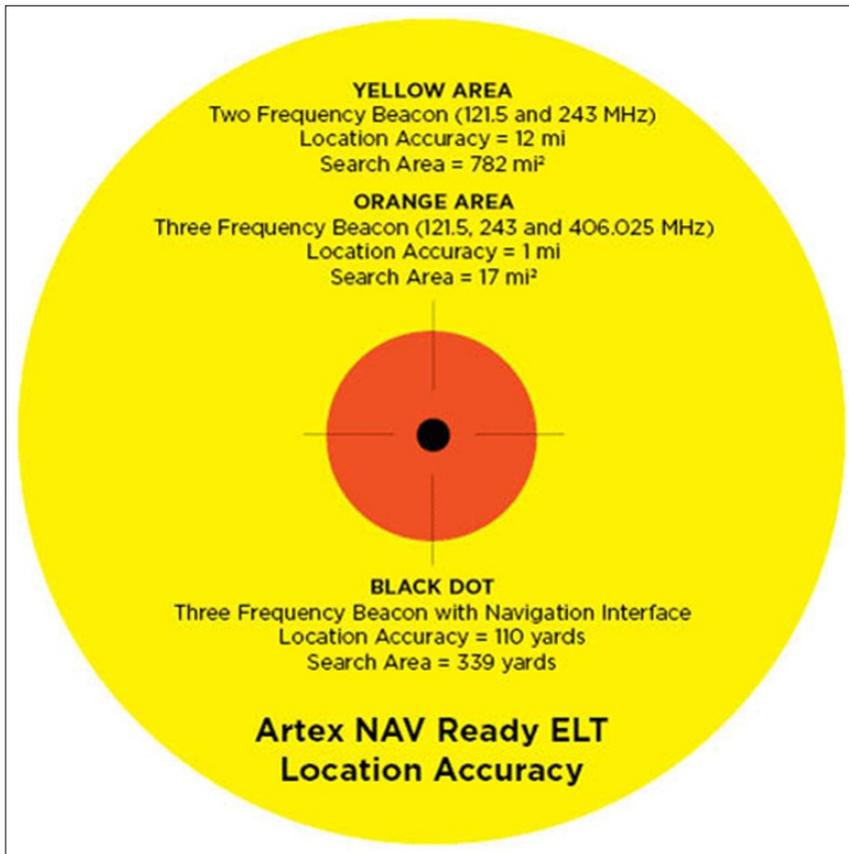
The improvement in speed and accuracy in locating one of the newer 406 MHz ELTs as compared to the older 121.5 MHz is dramatic. Once detected, the older 121.5 beacons could only provide positional accuracy within a 12-15 Nautical Mile (NM) radius. That creates a search grid of 782 square miles. Compare that with a 406 MHz ELT which has a satellite-based accuracy of a one to three NM radius. This offers a significant advantage over the older ELT technology by giving search and rescue teams only 17 square miles to search. Since 406 MHz ELTs use Global Positioning System (GPS) to pinpoint location, search and rescue crews can proceed directly to the site of the rescue very quickly, cutting the average rescue time for the newer 406 MHz ELTs to only 4.5 hours. The average time to locate a 121.5 beacon is over 40 hours.

As of February 2019, it is illegal to manufacture, install or repair a 121.5 ELT beacon. New or replacement ELT's must be 406 MHz beacons. **It is important to properly register your 406 MHz beacon with the National Oceanic and Atmospheric Administration (NOAA).**

Registration number, name and contact information is required. This allows SAR teams to try to contact you in the event your beacon is accidentally activated, or if you've been involved in an incident and require assistance. You must renew your beacon registration every 2 years. It is also important to update your account if you sell, transfer or purchase an aircraft that has a 406 MHz beacon installed.

The Montana Aeronautics Division (MDT) is responsible for the search of missing or overdue aircraft and ELT transmissions in the state. Missing persons and ground searches are the responsibility of the County Sheriff Departments in Montana.

Montana Aeronautics' SAR program accomplishes the requirements of the air search operations by utilizing volunteer Montana pilots and their aircraft. Air search operations are divided into 14 Districts comprised of three to eight counties. Each of the 14 Districts has volunteer coordinators and co-coordinators to assist in the planning and operations of the search.



## Calendar of Events

**May 1, 2019 — Yellowstone Airport (KWYS).** Open to General Aviation flight operations. For information contact Jeff Kadlec at [jkadlec@mt.gov](mailto:jkadlec@mt.gov) or call (406) 646-7631.

**May 25, 2019 — Spotted Bear Work Session.** For further information contact Wade Cebulski at (406) 444-9581 or email [wcebulski@mt.gov](mailto:wcebulski@mt.gov).

**June 1, 2019 — MSU Flying Bobcats Annual Reunion.** Starting at 10:30 a.m. at the Pilots Pavilion at the Bozeman Airport. Contact Rich Owen at [rowen@itstriangle.com](mailto:rowen@itstriangle.com) or call (406) 737-4375 or (406) 868-1763.

**June 8, 2019 — Annual Montana Pilots Association Fly-In.** Come out for a world famous pancake breakfast from 7:00 a.m. to 11:00 a.m. at Lewistown Municipal Airport (KLWT). There will be young eagle rides and a large number of Super Cubs, back country, and other aircraft on display. For information contact Donald Hartrich at [donaldhartrich@gmail.com](mailto:donaldhartrich@gmail.com).

*Continued on page 7*

# Calendar of Events

*Continued from page 6*

**June 8, 2019 — AOPA Rusty Pilots Seminar.** Blue Goose Aviation is hosting a Rusty Pilots Seminar at the Polson Airport from 9:00 a.m. to 12:00 p.m. Following the seminar take time to meet instructors, look at aircraft for rent, and enjoy a free burger. You may register for the Rusty Pilots seminar at [www.bluegooseaviation.com](http://www.bluegooseaviation.com). This is free to AOPA members; there is a charge for non-members. For more information contact Joe at (719) 393-5550.

**June 13, 2019 — Del Bonita/Flying Farmers of America Work Session.** For further information contact Wade Cebulski at (406) 444-9581 or email [wcebulski@mt.gov](mailto:wcebulski@mt.gov).

**June 15, 2019 — 3rd Annual Wings & Wheels Car Show & Fly-In.** Presented by Sanders County Pilot Association at Plains Airport (S34) from 8:00 a.m. to 12:00 p.m. FREE fun for the whole family includes antique and modern airplanes, Remote Control (RC) plane exhibit, vintage cars & trucks, pilot games, kids games with prizes and aviation displays. Pancake and ham breakfast \$5 per person. For more information contact (406) 529-4059.

**June 15, 2019 — EAA's Helena Chapter 344 Annual Morrison Park "Burger Burn."** All aviation aficionados, including members of EAA, MPA and the general public, are invited to participate in this spring warm-up to the 2018 flying season from 11:00 a.m. to 1:00 p.m. Partake of a free hamburger or hot dog and soft drink while enjoying the friendly camaraderie of like-minded individuals. Morrison Park is located just east of the Helena College airport campus off Airport Road. Those who fly in may park in the southwest corner of the general aviation ramp, in the vicinity of ExecAir's hangars. For information contact Woody Hopley at (406) 433-3122 or email [jal747@me.com](mailto:jal747@me.com).

**June 22, 2019 — Meadow Creek Work Session.** For further information contact Wade Cebulski at (406) 444-9581 or email [wcebulski@mt.gov](mailto:wcebulski@mt.gov).

**June 25-26, 2019 — Aviation Career Exploration (ACE) Academy.** Program geared toward high school students interested in aviation. For registration form visit [www.mdt.mt.gov/aviation/events.shtml](http://www.mdt.mt.gov/aviation/events.shtml). For more information call (406) 444-2506 or email [ptrooien@mt.gov](mailto:ptrooien@mt.gov).

**June 29, 2019 — Fly-In Air Fair.** Enjoy the second best breakfast you can get at any airport from 7:00 a.m. to 11:00 a.m. at Havre Airport (KHVR). Then fly to Fort Peck for the remainder of the weekend. For more information contact Willie Hurd at (406) 945-3646 or email [pronghorn@mcn.net](mailto:pronghorn@mcn.net).

**June 29-30, 2019 — Nelson Airstrip MT 58 Fly-In BBQ/Camping.** Enjoy live music Saturday, pancake breakfast Sunday morning. Shuttle from MT58 to Fort Peck Lake. Bus and boat rides to Rock Creek Marina available. For more information contact Russell Leader at (406) 696-5169 or Russell Dahl at (406) 263-7821.

**July 20, 2019 — Schafer Meadows Work Session.** For further information contact Wade Cebulski at (406) 444-9581 or email [wcebulski@mt.gov](mailto:wcebulski@mt.gov).

**July 20- 21, 2019 — Annual St. Ignatius (52S) BBQ & Huckleberry Pancake Fly-In Breakfast.** BBQ on Saturday from 4:00 p.m. to 8:00 p.m. Breakfast from 8:00 a.m. to 12:00 p.m. This free event is sponsored by the EAA Chapter 1122. For more information contact Michael Kuefler at (406) 544-2274.

**July 27, 2019 – S69 Lincoln Airport Community Open House and Fly-In BBQ Potluck.** Airport Community Open House from 10:00 a.m. to 3:00 p.m. with Fly-In BBQ Potluck from 11:00 a.m. to 1:00 p.m. Bring your favorite dish to share and enjoy the aircraft and emergency vehicles on display and other attractions nearby such as the Blackfoot Pathways Sculpture in the Wild and the USFS Grizzly Bear Exhibit. A pilot campground and bicycles are available for Fly-in participants. For more information contact Jerry Cain at [sgr@linctel.net](mailto:sgr@linctel.net) or (406) 461-5631.

**August 2-3, 2019 — Three Forks Fly-In.** The Montana Antique Aircraft Association is hosting this FREE 42nd annual two day event. Fly or drive in and enjoy flying events, great food, free camping and the camaraderie of friends old and new. For more information contact Pat Green at (406) 539-1880 or [greenrrg@aol.com](mailto:greenrrg@aol.com).

**September 7, 2019 — Annual EAA Chapter 1122 Fly-In Breakfast.** This year's event at Polson Airport is themed "Thanking Our Veterans." Warbirds will be on display to commemorate the 75th anniversary of D-Day. For information contact Joe Kuberka at (719) 393-5550.

Alternative accessible formats of this document will be provided on request. Persons who need an alternative format should contact the Civil Rights Bureau, Department of Transportation, 2701 Prospect Avenue, PO Box 201001, Helena, MT 59620. Telephone (406) 444-9229. Those using a TTY may call (800) 335-7592 or go through the Montana Relay Service at 711.



**VISION ZERO**

zero deaths · zero serious injuries

MONTANA DEPARTMENT  
OF TRANSPORTATION

**May 2019**

5403

Aeronautics Division  
2630 Airport Road  
PO Box 200507  
Helena, Montana 59620-0507



## **Vision Zero: A Goal for Everyone**

In 2018, there were 181 fatalities on Montana roads.

What does that mean? 181 parents, children, grandparents, friends, siblings, spouses, and other loved ones had lives that were cut short. It also means countless tears and shattered lives for those left with the aftermath of unsafe driving behaviors. Which loved one are you prepared to lose? If your answer is none, then Vision Zero is also YOUR goal.

It will take every one of us to work towards the day that Vision Zero is met, and the fatality total reads "ZERO." Two of the highest contributing factors to traffic fatalities in 2018 were alcohol and no seat belt.

These are behaviors that can be changed! Start by always wearing your seatbelt and planning for sober transportation. Remind your loved ones and those around you to do the same.

*-Director Mike Tooley, MDT*

Visit [www.mdt.mt.gov/visionzero](http://www.mdt.mt.gov/visionzero) for more information.

**VISION ZERO** ★  
zero deaths · zero serious injuries

**MONTANA DEPARTMENT  
OF TRANSPORTATION**

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