



# Aviation Trail, Inc.

*Experience the Birthplace of Aviation!*

A non-profit corporation in partnership with the National Park Service to promote Aviation Heritage in the Dayton region

Visit the historical sites that tell of man's conquest of the air.

News and Updates from "The Trail"

"The Flight Log" -

**AVIATION TRAIL MAIL**

**PRINT VERSION:** this file is a print version of the e-mail newsletter that is sent out on a free subscription basis. To get on the e-mail subscription list go to the Aviation Trail website at [www.aviationtrailinc.org](http://www.aviationtrailinc.org) and subscribe by using the "Subscribe Now" button on the footer of each page. This version is more suited for printing hard copies than the e-mail version and is available on the Aviation Trail website "Newsletters and Brochures" page: <http://www.aviationtrailinc.org/newsletters>.



Aviation Trail Visitor Center • Wright-Dunbar Interpretive Center • Dayton Aviation Heritage National Historical Park  
Corner of W. Third & S. Williams Sts., • 16 S. Williams St., Dayton, OH 45402 • (937) 225-7705

Print Version

**October 2022 ISSUE**

10/01/2022

This "Flight Log" highlights some of the stories and events featured on the Aviation Trail website: [www.AviationTrailInc.org](http://www.AviationTrailInc.org)

## Super Soarin' Saturdays Balloons! All Fired Up!

Tri-State Warbird Museum Event, October 1, 2022



Come learn all about Hot Air Balloons!  
This program is targeted to children ages 6 -11.

October 1, 2022; 10:00 AM to 11:00 AM

**Student admission is \$7**

- This program is FREE to Tri-State Warbird members
- Yearly family memberships are \$50

Tri-State Warbird Museum  
4021 BORMAN DR, BATAVIA, OH 45103  
(513) 735-4500  
<https://www.tri-statewarbirdmuseum.org>

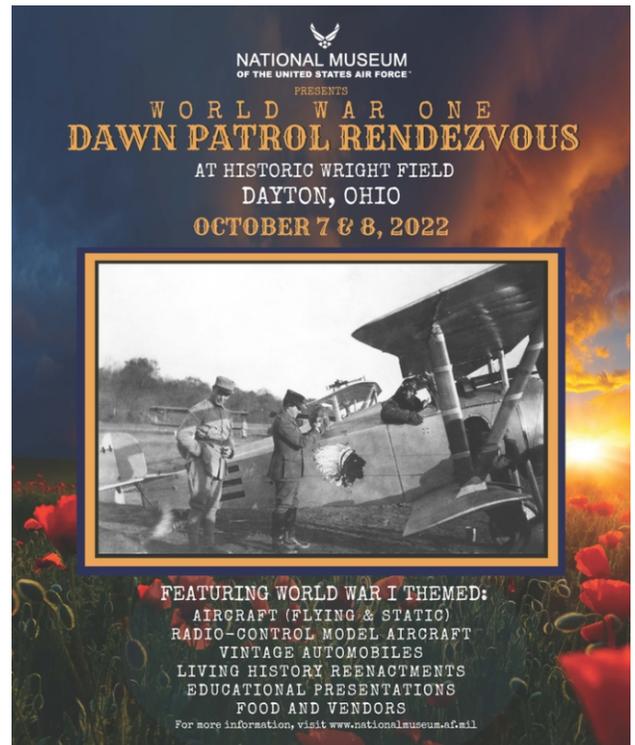


Tri-State Warbird Museum is Site#15 on the Aviation Trail



"The Flight Log" - AVIATION TRAIL MAIL 10/01/2022

## Dawn Patrol Rendezvous



Aerial events, reenactor encampment, antique cars, workshops and a speaker series frame an exciting weekend of fly-ins from replica WWI aircraft. Sights, sounds and activities for the whole family will take place throughout the museum complex as we look back to WWI and America's early air superiority. See more info at <https://www.nationalmuseum.af.mil/Upcoming/WWI-Dawn-Patrol/>

Check for other NMUSAF events at <https://www.nationalmuseum.af.mil/Upcoming/Events/>

The National Museum of the U.S. Air Force  
1100 Spaatz Street  
Wright-Patterson AFB OH 45433  
<https://www.nationalmuseum.af.mil>

The National Museum of the United States Air Force is Site #5 on the Aviation Trail



**Champaign Aviation Museum  
8th Annual Remembrance Day Ceremony**

**Saturday, October 8th, 2022 - 11:00 AM**  
To honor Army Air Corps and Army Air Force Veterans of World War II



The Champaign Aviation Museum (CAM) hosts an Annual Remembrance Day Ceremony to honor all U.S. Army Air Corps and Army Air Force Veterans who served during World War II (WWII). Relatives and friends can honor their service men and women by participating in the ceremony and reading the Veteran's Name and Military Service Record. Their names will be entered into the Museum's Hall of Honor and will be a lasting tribute to the WWII Airmen and Women who served in the Army Air Corps/Army Air Force. The Hall of Honor is a permanent part of CAM and will fly with the B-17 Champaign Lady wherever it goes. Their names will not be forgotten.

See more at: <https://www.champaignaviationmuseum.org/remembranceday>



Champaign Aviation Museum  
1652 N. Main St., Urbana, OH 43078  
937-652-4710  
[ChampaignAviationMuseum.org](http://ChampaignAviationMuseum.org)

*Champaign Aviation Museum is Site #13 on the Aviation Trail*



**Woodland Cemetery & Arboretum**

**October & November 2022**



**October, 2022**

- 4th at 10:00 a.m. - Historic Tour
- 10th at 11:00 a.m. - Historic Tour
- 12th at 10:00 a.m. - Arboretum Tree Tour - Enjoy an abundance of Fall colors

**November, 2022**

- 8th at 10:00 a.m. - Historic Tour
- 11th at 11:00 a.m. - Military Tribute Tour - Honoring military men and women
- 22nd at 10:00 a.m. - Historic Tour
- 27th at 12:00 p.m. - Outdoor Mausoleum Tour

Groups and organizations are encouraged to schedule a tour through the cemetery or mausoleum. Look for a scheduled tour on our calendar or call us at 937-228-3221 to schedule a tour at your convenience.

Click on the link below to find all of the available tours and to register yourself and your friends.

[Click Here: Guided walking tours are now available and registration is open for all tours and events.](#)

Tours will launch rain or shine except in the event of thunder or lightning. Please plan appropriately.

Wear comfortable walking shoes. Bring a water bottle if needed.

To sign up for the Woodland newsletter see: <https://woodlandcemetery.org/newsletter-request/>

Woodland Cemetery and Arboretum  
118 Woodland Avenue • Dayton, Ohio 45409  
[www.woodlandcemetery.org](http://www.woodlandcemetery.org)

*Woodland Cemetery and Arboretum is Site #8 on the Aviation Trail*



**"Boo on the Moon" at Armstrong**

**Tue, 10/25/2022 - 17:00 - 19:00**  
**Armstrong Air & Space Museum Event**

Dress up and join the Armstrong Air & Space Museum as the organization hosts its annual Halloween event, Boo! On the Moon. For this eerie affair, the museum galleries will be adorned in spooky and festive props and decorations. The museum will be handing out candy and treats for children who visit these days. To help with costs, the museum will also be offering half-off admission to children 12 years and younger who are dressed in a Halloween costume.



**Armstrong Air & Space Museum**

Armstrong Air & Space Museum  
500 Apollo Drive  
Wapakoneta, OH 45895  
(419) 738-8811 or (800) 860-0142  
<https://www.armstrongmuseum.org>

*Armstrong Air & Space Museum is Site #12 on the Aviation Trail*



# October in Aviation History

## 100th Anniversary of First Emergency Free Fall

October 22, 2022 represents the 100th anniversary of the first emergency bailout from an aircraft using a freefall parachute.



[Lt. Harold Harris](#), Chief of McCook Field Flying Section, whose Loening PW-2A Monoplane was disabled while testing new ailerons in combat practice was forced to jump. He landed in a grape arbor in the backyard of a house on Troy Street in Dayton, while his plane crashed nearby on Valley Street.



Near the end of WWI the US Army put together a parachute research group that came under the Engineering Division at McCook Field in Dayton. Their job was to develop a practical parachute for in-flight escape from fixed wing aircraft. The Type A parachute rig was based largely on [Floyd Smith](#)'s concept for a manually operated free-fall parachute. The pilot would wear the chute, climb out and jump away from the airplane, then manually operate the parachute once safely away from the plane. It provided the first practical system for in-flight escape from fixed wing aircraft, avoiding the dangers of a tethered system. The chute was initially live jumped in testing by [Leslie Irvin](#) in April of 1919 and was soon standardized and eventually required for use by Army pilots. Lt. Harris' 1922 jump was the first instance of an emergency use of the system.

[CLICK HERE](#) to read more about Lt. Harris' first hand account of the event in a 1925 Parachute Manual published by the Air Service Engineering Division at McCook Field in Dayton, Ohio.

**VIDEO:** A dramatic video presentation of "The Harold Harris Story" can be seen on the Parachute Museum Theater using this link: <https://www.aviationtrailinc.org/parachute-museum-theater>

(Then scroll down to video #1 at the bottom of the page. Also of interest on the Parachute Museum Theater page is video #2 which has a dramatization of the Floyd Smith and Leslie Irvin story).

Learn more about Parachute History: [CLICK HERE](#) to download a copy of a Speaker Series presentation on the history of the parachute that was produced by the Aviation Trail Parachute Museum team. And be sure to explore the [Parachute Museum](#) page on this ATI website.

Aviation Trail, Inc. Parachute Museum  
16 South Williams Street  
Dayton, OH 45402  
<https://www.aviationtrailinc.org/parachute-museum>



The Aviation Trail Parachute Museum is Site #1b on the Aviation Trail



# Mound Cold War Discovery Center Lecture Series

Wednesday, October 26, 2022 | 7:00 pm



Dayton History Site:  
Mound Cold War Discovery Center  
1075 Mound Road, Miamisburg, Ohio 45324

On the site of the former Mound Laboratory complex.

(Across the street from the Miamisburg Adena Indian Mound). For More Information see <https://www.daytonhistory.org/visit/dayton-history-sites/mound-cold-war-discovery-center/>

**Price: Free**

The Mound Lecture Series is presented by the Mound Science and Energy Museum Association. Lectures are held the 4th Wednesday of every month at 7:00 p.m. Topics vary each month.

**October 26th: Chadwick D. Barklay "Current Status of radioisotope power systems (RPS) since Casini"**

From 1948–2003, the scientific work of Mound Laboratory was so top secret that some remains classified to this day. Named for the neighboring Adena earthwork—one of the two largest conical mounds in eastern North America—this government facility revolutionized Cold War, Nuclear Age, and Space Race history.

As the nation's first Atomic Energy Commission site constructed after World War II, Mound Laboratory continued the work of the storied Dayton Project. By transforming obscure locales into laboratories—a seminary, warehouses, an opulent playhouse—the Dayton Project, part of the larger Manhattan Project, produced the trigger for the atomic bomb. During the Space Race, Mound technology such as Radioisotope Thermoelectric Generators (RTGs) launched America into the final frontier.

Time and again, Daytonians have proved themselves masters of research and development, and Mound Laboratory would become yet another chapter in the city's world-changing history.

### About Carillon Historical Park

Carillon Historical Park is part of Dayton History, a private non-profit organization established to preserve, share, and celebrate our region's history. The Park's 65-acre campus is home to over 30 historic structures and cares for over three million artifacts. In addition to Carillon Historical Park, the following sites rest under Dayton History's care: Carillon Brewing Co., Hawthorn Hill, Patterson Homestead, the Old Court House, the Mound Cold War Discovery Center, Memorial Hall, and the Archive Center.

Carillon Historical Park  
1000 Carillon Blvd.  
Dayton Ohio 45409  
[daytonhistory.org](http://daytonhistory.org)



Carillon Historical Park is Site #4 on the Aviation Trail



# The Candy Bomber at Butler County Warbirds

October 30, 2022 - 2:00 PM

Butler County Warbirds Presents...



## The Candy Bomber

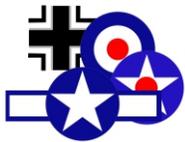
When: October 30th @ 2PM Where: 2351 Wedekind Dr

Learn about the famous Berlin Candy Drop and Have Fun Gathering Treats From Above!

First annual Candy Bomber Event at Butler County Warbirds on October 30th, 2pm. Stop by and learn about the history of the famous Berlin Candy Bomber. We will be dropping parachutes of candy from our most recently restored aircraft, our '41 Aeronca L-3E. Skydivers will be dropping in as well.

This is a **FREE, family friendly event**. Get festive and wear your Halloween costumes while you learn a little history!

\*Candy drop/skydivers are weather permitting. Event will take place regardless of weather with festivities & candy for the kids in our hangar.



Butler County Warbirds  
Middletown Regional Airport (KMWO)  
2351 Wedekind Drive  
Middletown, OH 45042  
(513) 702-3062  
<http://www.bcwarbirds.com>

Butler County Warbirds is Site #16 on the Aviation Trail



# Ohio Teacher Selected as 2022 Crossfield Aerospace Educator of the Year

National Aviation Hall of Fame names Jill Weaver the 35th "Crossfield Kid"

(Dayton, Ohio – September 7, 2022) The National Aviation Hall of Fame (NAHF) announced today that Jill Weaver of Valley View Schools is the 2022 NAHF A. Scott Crossfield Aerospace Educator of the Year.

The Crossfield Award, founded in 1986 by NAHF Enshrinee Scott Crossfield, is a juried annual competition to recognize a teacher for his or her exemplary use of aerospace in their classroom curricula. Crossfield, who was inducted in 1983, was a renowned test pilot, research pilot, and aerospace researcher. Among a myriad of aviation "firsts," Crossfield's testing of pressurized suits led to the development of the space suit.



Ohio teacher continued on next page... .

... Ohio teacher continued from previous page

The successful nomination was submitted by Colonel Joseph Kittinger, USAF (Ret), a 1994 Enshrinee of the NAHF. Col. Kittinger, a personal friend of Scott Crossfield, promised to carry on "Scotty's Legacy" of recognizing the most impactful aerospace educators in the nation. Kittinger said, "Mrs. Weaver has dedicated her career to promoting STEM objectives to her students. Because of her advocacy, she has been awarded over \$250,000 in grants to finance STEM programs for her students."

The funding Weaver gains have been used to support various educational endeavors, from robotics to remote-controlled cars, drones, and 3D printers. She also earns appreciation from organizations and peers from across the country. Ben Richards, Superintendent of Valley View Local School, shares his support of Col. Kittinger's nomination, "While I know that there are many deserving candidates for this recognition, Jill Weaver is one of the foremost science instructors that I've encountered in my 20+ years in education. Her passion for science, coupled with her unwavering commitment to enriching the lives of her students, make her truly deserving of this award."

Over the last two decades, Weaver has earned numerous honors and awards. Included in the recognition are being named the Air Force Association (AFA) Teacher of the Year (2016), Outstanding Earth Science Teacher Award (OESTA) (2017), Roy Junior Award for Excellence National Finalist (2019), Teacher of Influence Award (2021), and STEM Fellow for Montgomery County, OH ESC.

Jenny Michael, a former Valley View Board of Education member said, "Jill epitomizes what great hands-on education can do for student achievement. In fact, she pioneers STEM education in our district, and I see firsthand how much she is admired by her students."

Weaver will receive her award on September 23, 2022, as part of the National Aviation Hall of Fame's 58th Enshrinement events. Over 600 people are expected to attend two days of events in Dayton, including industry leaders and several returning Enshrinees, including former NASA astronauts Charlie Bolden, Eileen Collins, Bob Crippen, and Hoot Gibson, aviation visionary and test pilot Clay Lacy, general aviation titans Dale Klappmeier, and John & Martha King. NAHF candidates Rhea Seddon, Ed Bolen, and Connie Tobias will also join the celebration this year.

The ceremony, led by emcee CNN's Pete Muntean, features the formal installment of the NAHF Enshrinee Classes of 2020 and 2022; (The late) Second Lieutenant Eugene J. Bullard, USAF., (The late) Dr. Maxime "Max" A. Faget, Ms. Joan Sullivan Garrett., (The late) Captain Richard "Dick" F. Gordon, USN, Colonel/Dr. Paul G. Kaminski, USAF (Ret). (The late) Willa Brown, (the late) Joe Clark, Dr. Margaret Hamilton, Dr. Story Musgrave, (the late) Geraldine "Jerrie" Mock.

The ten inductees will bring the total number of NAHF Enshrinees to 256.

**About The National Aviation Hall of Fame-** The National Aviation Hall of Fame strives to create a distinctive educational resource that will inspire future generations to appreciate our nation's extraordinary aviation heritage and the men and women who created it. Founded and based in Dayton, OH, the NAHF's Heritage Hall & Education Center is committed to informing the public of American aviation heroes, their accomplishments, and their impact on advances.

National Aviation Hall of Fame  
1100 Spaatz Street  
Dayton, OH 45433  
937-256-0944  
<https://www.nationalaviation.org>



The National Aviation Hall of Fame is Site #6 on the Aviation Trail



## Photos from WACO Fly-in

See photo page from ATI blog post



[CLICK HERE](#)

to see slide show of some photos from the 29th Annual WACO Fly-In, Sept. 16-18, 2022



WACO Air Museum & Learning Center • 1865 S. County Rd. 25A • Troy, OH 45373  
937-335-9226 • [www.wacoairmuseum.org](http://www.wacoairmuseum.org)

WACO Air Museum & Learning Center is Site #11 on the Aviation Trail



## Aviation Trail and Parachute Museum at the WACO Fly-in

Aviation Trail, and the Aviation Trail Parachute Museum presented a display at the 29th Annual Vintage Aircraft Fly-In at WACO Air Museum on September 17, 2022.

Visitors to the Parachute Museum display could try on a parachute, listen to presentations on parachute history, and learn about different types of parachutes, air resistance and freefall.

Aviation Trail brochures were handed out, and "Wilbear" was on hand to introduce families to the Aviation Trail program that allows kids to win a Wilbear Wright® teddy bear by visiting a required number of Aviation Trail sites (see [HERE](#) for info on the Wilbear program).



Aviation Trail, Inc. Parachute Museum  
16 South Williams Street  
Dayton, OH 45402

<https://www.aviationtrailinc.org/parachute-museum>



The Aviation Trail Parachute Museum is Site #1b on the Aviation Trail

WACO Air Museum & Learning Center is Site #11 on the Aviation Trail



## Aviation Trail Gift Shop

See the GIFT SHOP menu item on the Aviation Trail website at: <https://www.aviationtrailinc.org/> or [CLICK HERE](#).



Collectable Art Prints



All transactions will be purchased from, processed by, and fulfilled by Dayton History, and can either be shipped to the purchaser or held for pick-up at Carillon Historical Park Museum Store at 1000 Carillon Historical Park, Dayton, OH 45409, (937) 293-2841. The products are in stock at the Carillon Historical Park Museum Store.

## Aviation Trail Memberships & Donations

Join or Renew Now to Help Support Aviation Trail, Inc. and the Aviation Trail Parachute Museum



### Membership

- Join
- Renew
- Donate

Help keep the Dayton area in the forefront of the world's aviation history, leadership and preservation.

#### Membership Reminder:

All levels of Aviation Trail memberships, except for Life Membership, are annual and are **subject to renewal, at the desired level, by each January.** Aviation Trail is now accepting memberships and renewal orders for 2022.

Aviation Trail Inc. is a 501(c)(3) non-profit organization.

Aviation Trail remains committed to upholding our mission of aviation awareness, education, preservation and restoration in our region. We need your support in order to be more than "The Birthplace of Aviation," but also the premier locale in the country to "Experience the Birthplace of Aviation." Your membership and donation support is critical in helping maintain that mission. Thanks for your support! Memberships and donations can be made on-line through secure payment on PayPal, or a Membership/Donor form can be downloaded from the Membership Page for mailing.

See the [JOIN/DONATE](#) menu item on the Aviation Trail website to join, renew, or donate: <https://www.aviationtrailinc.org/>





# Aviation Trail, Inc.

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*Visit the historical sites that tell of man's conquest of the air.*

[www.aviationtrailinc.org](http://www.aviationtrailinc.org)

## Yes! I want to support Aviation Trail, Inc.

Mr., Mrs., Miss, Ms. \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone (H) \_\_\_\_\_ (W) \_\_\_\_\_ (C) \_\_\_\_\_

E-mail Address (to receive online newsletter) \_\_\_\_\_

(Name to be used for recognition if different than above) \_\_\_\_\_

***All levels of Aviation Trail memberships, except for Life Membership, are annual and are subject to renewal, at the desired level, by each January.***

### Membership Levels

I / We wish to remain anonymous.

\_\_\_\_\_ \$25.00 Senior (age 60+)

\_\_\_\_\_ \$75 Contributing

\_\_\_\_\_ \$1000 Patron

\_\_\_\_\_ \$30 Individual

\_\_\_\_\_ \$150 Supporting

\_\_\_\_\_ Other- I am a life member and would like to make an additional contribution

\_\_\_\_\_ \$40 Family

\_\_\_\_\_ \$1500 Individual Life Member\*

(\*May be paid in three annual payments of \$500 per year, mail in only )

\_\_\_\_\_ Donation - I would like to support Aviation Trail with a **DONATION** of \$ \_\_\_\_\_ to Aviation Trail

### Please apply my donation to:

**Membership Fund**

**Preservation Fund\***

**Wilbear Fund\*\***

\* Donations will be designated to promote and preserve historical aviation sites in the Dayton Region.

\*\* Donations will be designated to promote and preserve the "Wilbear Wright" teddy bear program that promotes the Aviation Trail and its partner sites.

**Check enclosed. Make payable to: Aviation Trail, Inc.**

**Mail to Aviation Trail, Inc. / PO Box 633 / Wright Brothers Station / Dayton, OH 45409**

Members and donors receive an online subscription to the Aviation Trail newsletter, *Flight Log*, and advance invitations to Aviation Trail events and programs.

**Online credit card payments may be made from our website. Secure payments are made through PayPal.** See the **JOIN/DONATE** menu item on the Aviation Trail website to join, renew, or donate: <https://www.aviationtrailinc.org/>. **Or click the membership logo on the right >**



**Membership**  
• **Join**  
• **Renew**  
• **Donate**  
*Help keep the Dayton area in the forefront of the world's aviation history, leadership and preservation.*

*Donations to Aviation Trail, Inc., a 501(c)3 organization, in partnership with the National Park Service to promote Aviation Heritage in the Dayton region, are fully tax deductible.*

Aviation Trail, Inc. / PO Box 633 // Wright Brothers Branch / Dayton, OH 45409 / [www.aviationtrailinc.org](http://www.aviationtrailinc.org)