



# Aviation Trail, Inc.

News and Updates from "The Trail"

*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.

"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

**January 2022 ISSUE**

1/10/2022

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

## Parachute Museum Theater

### Jumping From Space!

#6 in a series of videos featured by the Aviation Trail Parachute Museum Red Bull Stratos Project space dive 2012 presented by BBC Studios



Presented by BBC Studios

Click image for link or use <https://www.youtube.com/watch?v=E9oKEJ1pXPw>

In 2012 Austrian Felix Baumgartner successfully broke Joe Kittinger's record for the world's highest parachute jump that was set in 1960. Baumgartner dropped from an unofficial altitude of 128,000 feet - about 1.5 miles higher than expected. In the process, he also became the first skydiver to exceed the speed of sound - 833.9 mph while in freefall (Mach 1.24 - the first supersonic skydive). He and the Stratos Red Bull team broke three more records: Highest manned balloon flight, 128,000 feet; greatest freefall distance, 119,846 feet; fastest mechanically unaided speed, 833.9 mph. Joe Kittinger, whose record was broken, is the one in mission control communicating with Baumgartner in this dramatic video.

[https://en.wikipedia.org/wiki/Felix\\_Baumgartner](https://en.wikipedia.org/wiki/Felix_Baumgartner)

[https://en.wikipedia.org/wiki/Red\\_Bull\\_Stratos](https://en.wikipedia.org/wiki/Red_Bull_Stratos)

See the [Parachute Museum page](#) for access to more Parachute Museum Theater videos.

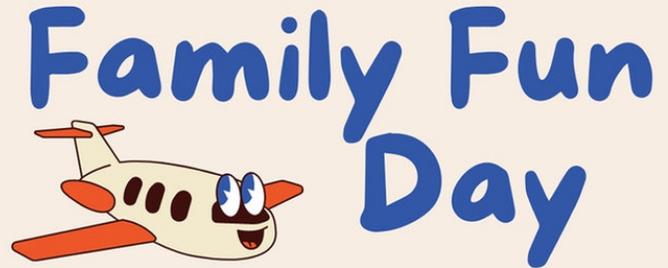
The Aviation Trail Parachute Museum  
16 South Williams Street  
Dayton, OH 45402  
(937)225-7705



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

## Tri-State Warbird Museum Family Fun Day

Jan. 15, 2022 - Tri-State Warbird Museum, 1 to 3 p.m.



BRING YOUR FAMILY FOR A DAY FULL OF FUN AND DISCOVERY!

Learn and create together during TSWM's interactive day for families!

1:00 p.m. to 3:00 p.m.

- Games
- Crafts
- Paper Airplanes
- Scavenger Hunt
- STEM discovery time
- Cockpit climb-ins



Admission - \$20 per family  
FREE to Members  
[Yearly family memberships are \$50]

See <https://www.tri-statewarbirdmuseum.org> to order tickets.

Tri-State Warbird Museum  
4021 Borman Dr., Batavia, OH 45103  
(513) 735-4500

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

# Open Aircraft Days at NMUSAF

**Saturday, January 15, 2022**



**On Open Aircraft days, visitors will have the unique opportunity to look inside one of the museum's aircraft from 11 a.m. – 3 p.m.** (unless otherwise noted).

(The list of aircraft is updated quarterly)

**Saturday, January 15**

**Look inside the cockpit of the A-10A "Thunderbolt II" (Fairchild Republic). 11 am to 3 pm**

*The National Museum of the U.S. Air Force, located at Wright-Patterson Air Force Base near Dayton, Ohio, is the world's largest military aviation museum. With free admission and parking, the museum features more than 350 aerospace vehicles and missiles and thousands of artifacts amid more than 19 acres of indoor exhibit space. Each year thousands of visitors from around the world come to the museum. For more information, visit [www.nationalmuseum.af.mil](http://www.nationalmuseum.af.mil). Check for other NMUSAF events at <https://www.nationalmuseum.af.mil/Upcoming/Events/>*

The National Museum of the U.S.A.F.  
1100 Spaatz Street  
Wright-Patterson AFB OH 45433  
[www.nationalmuseum.af.mil](http://www.nationalmuseum.af.mil)



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



## Wright Family Donates Wing Fabric

**Remaining Wing Fabric from the Original 1903 Wright Flyer Donated to Carillon Historical Park**

On December 17, 1903 Orville Wright made the first successful flight on the beaches of Kitty Hawk, North Carolina. He and his brother, Wilbur, made three more historic flights that day. Now, 118 years later, some of the last remaining wing coverings from that original Wright Flyer are being gifted to Carillon Historical Park in Dayton, Ohio.

*Wright Family continued in next column...*

*...Wright Family continued from previous column*

The Wright brothers covered their flying machine's wings with "Pride of the West" muslin purchased at the Rike Dry Goods Company in downtown Dayton. Amanda Wright-Lane and Stephen Wright, the Wright brothers' great grandniece and nephew, have donated to Carillon Park the family's largest five foot wide sections of the muslin that covered the lower left wing of the 1903 Wright Flyer.

After the 1903 flight, the Wright brothers stored the airplane in a shed behind their 7 Hawthorn Street home. In 1926, before he sent the airplane to England for display at the British Science Museum, Orville put new muslin on the plane and put the original muslin in storage. After his death in 1948, the original muslin was given to members of the Wright family.



*(Wing fabric from the 1903 Wright Flyer flown at Kitty Hawk, NC.*

*Credits: Wright Brothers National Museum at Carillon Historical Park)*

Amanda said, "uncles Wilbur and Orville Wright would be pleased to know that part of their 1903 Wright Flyer, the machine that launched the Space Age, is going to be preserved for future generations by a museum of Carillon Park's stature!"

Brady Kress, Carillon Park's President, remarked, "The fabric represents a tangible connection with one of the most spectacular achievements in human history. Our museum's founder, Edward A. Deeds, worked closely with his friend Orville Wright to establish at Carillon Park what is now the Wright Brothers National Museum. Carillon Park's collection contains more three-dimensional Wright family artifacts than any other institution in the world, and displays much of it in its Wright Brothers National Museum complex at Carillon Park. We are thrilled to add the 1903 muslin to this collection!"

### 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 National Aviation Hall of Fame Reveals the "Class of 2022"

**Two iconic history-making pilots, the inventor of Blended Winglet, an aerospace Software Engineer mastermind, and an aerospace hero are all included in this remarkable group.**

(DAYTON, Ohio – December 6, 2021) December 6, 2021-The National Aviation Hall of Fame (NAHF) is thrilled to announce the individuals who have been selected for its 2022 Enshrinement. NAHF Board of Nominations Chair Tom Lodge and NAHF President and CEO Amy Spowart revealed the Class of 2022 before an audience of over 200 attendees at the Fall Awards Dinner of the National Aeronautic Association (NAA) in Washington, D.C. Attendees of the NAA's annual banquet included the Air Force Chief of Staff General Charles Brown, Jr., Space Force Chief of Space Operations General John Raymond, NAA award winners including the Statesmen and Stateswomen of Aviation, the McKay Trophy Awardees, and many industry leaders and special invited guests.

Each year, the NAHF Board of Nominations, a voting body comprised of over 130 aviation professionals nationwide, selects from a prestigious group of nominated air and space pioneers to be recognized for their achievements with induction into the NAHF. Since its founding in 1962, 254 people have been honored with enshrinement into the *only* Congressionally chartered, aviation hall of fame in the United States.

"We believe that this is an excellent class and we are already looking forward to their induction in our home, the *Birthplace of Aviation*, Dayton, Ohio", NAHF Board of Nominations Chair Tom Lodge said. "From pioneers Brown and Mock to visionaries Clark and Hamilton, and to aerospace hero Musgrave, the NAHF's Class of 2022 represents the best in aviation. We applaud the Board of Nominations for their challenging and thorough work."

The NAHF Class of 2022, who will be inducted at the 59<sup>th</sup> Enshrinement Dinner & Ceremony on **September 24<sup>th</sup>, 2022**, in Dayton, OH, is a diverse group representing a broad range of enduring contributions to both the advancement of flight and human exploration of space:



(The late) Willa Brown- First African American female to earn a pilot's license in the U.S. first to run for Congress, first African American to become a Civil Air Patrol officer, and trainer of over 200 Tuskegee Airmen.



(The late) Joe Clark- Founder of the **blended winglet**, which enhances the performance of airplanes by impacting sustainability in less fuel consumption, longer aircraft range, and reduced carbon emissions.



Margaret Hamilton- Coined the term "Software Engineer" to describe her role in developing the in-flight systems software, and Priority Displays for the Apollo command module, lunar lander, and Skylab.



Story Musgrave- Pilot, physician, mechanic, and former NASA astronaut. Second astronaut to fly on six spaceflights, and only astronaut to fly aboard all five Space Shuttles.



(The late) Geraldine "Jerrie" Mock- First woman to fly solo around the world, fly around the world as pilot in command, fly across two oceans, and first to fly across the Pacific in a single engine plane.

The Class of 2022 will be joined by the Class of 2020 for induction in Dayton. Pilot and aviation journalist Pete Muntean is lined up to be the emcee of the event and award-winning journalist Miles O'Brien will host a panel discussion of Enshrinees and aviation legends as part of the weekend activities. The event will be held in conjunction with Wright State University's Festival of Flight. The NAHF is a proud partner of the National Aviation Heritage Area (NAHA) and will highlight many of the region's aviation heritage partners during the Enshrinement events.

Partnerships, sponsorships, and ticket sales will be available in early 2022. Please contact the NAHF and watch our website for Enshrinement details.

National Aviation Hall of Fame continued in next column...

...National Aviation Hall of Fame continued from previous column

About The National Aviation Hall of Fame- Formed through an Act of Congress in 1964, the National Aviation Hall of Fame (NAHF) is dedicated to honoring America's aerospace pioneers. Considered by many to be a true national treasure, the NAHF serves as the only Congressionally-chartered aviation hall of fame and works tirelessly to confidently promote the vision, innovation, skill, and courage of the national heroes who lent their genius to further our nation's aerospace legacy.

Founded and based in Dayton, OH, the NAHF is committed to informing the public of American aviation heroes, their accomplishments, and their impact on advances in aviation from Early Flight to Space Travel. The NAHF 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.

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



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



## Aviation Trail Gift Shop

See the GIFT SHOP menu item on the Aviation Trail website at: <https://www.aviationtrailinc.org/>



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/>





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*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.*

[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)