



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



"Preserving the Past & Promoting the Future"

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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

May 2025 ISSUE

05/01/2025

This "Flight Log" highlights some of the stories and events featured on the Aviation Trail website: www.AviationTrailInc.org

Talk & Tour Armstrong Air & Space Museum

From the Moon to Mars - May 15, 2025

TIME: 2:00 – 4:00 p.m.

LOCATION: Armstrong Air & Space Museum

ADDRESS: 500 Apollo Dr, Wapakoneta, OH

COST: Complimentary with that day's admission



ABOUT TALK & TOUR:

The Armstrong Air & Space Museum's Talk & Tour program offers visitors a unique opportunity to explore the wonders of aviation and spaceflight through an engaging two-part experience. Each session begins with a presentation by a knowledgeable staff member, delving into fascinating space topics. Following the talk, guests embark on a guided tour of the museum, where they can see artifacts up close and gain deeper insights into the exhibits. This immersive program provides an enriching experience for space enthusiasts of all ages.

May – From the Moon to Mars (May 15th) Dive into the Artemis programs and learn about the four missions that will take us back to the moon. Hear how the journey will continue as we build habitable bases or stops on the moon to lead us to the goal of landing on Mars.



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

Harmon Museum Armstrong Conference Center

Warren County Historical Society, Lebanon, Ohio



Wed. May 21, 2025

**Military Women's Memorial
Speaker Col. Judy Pearson, USAF (Retired)**

LOCATION: Armstrong Conference Center
(121 S. Broadway, Lebanon, OH),
COST: \$25 for WCHS members or \$30 for non-members. (Includes lunch, lecture & museum admission)
Program without lunch \$5 for members / \$8 for non-members.

Ticket sales close at midnight the Thursday night prior to the event. If you would like lunch, reservations **MUST** be made by this time. Tickets for the lecture **ONLY** option will be available up until the event or may be purchased at the door. There is a small fee associated with the sale of tickets online.

11:00am - Seating/Open Museum | 11:30am - Lunch Served | 12:00pm (noon) - Speaker

ORDER TICKETS at <https://ticketstripe.com/LLMay25>

Lunch & Learn Lectures are held Every Third Wednesday of the Month | 11:30am - 1:00pm
Lunch served before a lecture on a historical topic. Topics vary but are always presented by a speaker fluent on the subject. Lectures last approximately one hour.



Harmon Museum & Armstrong Gallery of Flight
Warren County Historical Society
Address: 105 S. Broadway, Lebanon, OH 45036
Phone: 513-932-1817
<https://www.wchsmuseum.org/armstronggallery.html>
<https://www.wchsmuseum.org/harmonmuseum.html>

For much more on the Armstrong Gallery of Flight see the blog page on the Harmon Museum website and scroll down to the post of 4/19/24:
<https://www.wchsmuseum.org/blog>

The Harmon Museum Armstrong Gallery of Flight is a site on the Aviation Trail



VE DAY EVENTS IN NATIONAL AVIATION HERITAGE AREA

INTERNATIONAL AUTHOR COMMEMORATES VE DAY 80TH ANNIVERSARY IN DAYTON

Sir Dermot Turing, nephew of British r Alan Turing, joins two free events.

DAYTON, OH — On **Thursday, May 8**, events throughout the **National Aviation Heritage Area** will honor the 80th anniversary of VE Day (Victory in Europe Day), when Nazi Germany formally surrendered to the Allied forces, marking the end of World War II in Europe.



(Sir Dermot Turing, Photo KT Bruce)

International author and speaker Sir Dermot Turing will participate in two public events on May 8. He is the nephew of Alan Turing, the British mathematician and cryptographer who developed the machine that helped break Nazi Germany's Enigma encryption codes. Sir Dermot is in the United States researching his seventh book on cryptography, World War II, and international collaboration.

The event is free and open to the public. Reservations are recommended. To reserve your seat, please visit the Dayton International Peace Museum's website at <https://www.peace.museum/>. Copies of Sir Dermot's book "X, Y & Z: The Real Story of How Enigma Was Broken" will be available for purchase at the event.

That evening, **Carillon Historical Park** will host a point-counterpoint discussion between Sir Dermot and author, Jim DeBrosse at 7 p.m. Dr. DeBrosse wrote "The Secret in Building 26", a history of Dayton's role in codebreaking. The free event will include a Q&A session. Individuals can make reservations by calling 937-293-2841 ext. 220 or emailing semmons@daytonhistory.org. Sir Dermot and Dr. DeBrosse will both have books available for purchase.

"It is a privilege to be coming to Dayton for the first time, and a bit of a pilgrimage. It is about a life-and-death moment in World War II when German U-boats started using a new type of Enigma machine to encipher their messages," said Sir Dermot. "It was at the National Cash Register corporation, through the genius of Joe Desch, that new technology was brought to bear on the problem. My famous uncle Alan Turing came here to work with Joe Desch on that in 1942, and to follow in his footsteps is very exciting."

The National Park Service named Montgomery County — home to Dayton, Ohio — the state's only **American World War II Heritage City** in 2022. The designation recognizes the region's contributions during the war—such as Joe Desch's engineering innovations and the service of the WAVES (Women Accepted for Volunteer Emergency Service)—as well as its ongoing efforts to preserve and share that legacy.



"It's an honor to welcome Sir Dermot to Dayton on the 80th anniversary of VE Day," said Mackensie Wittmer, Executive Director of the **National Aviation Heritage Area**. "His visit highlights the international collaboration and innovation that helped end the war, and that still inspires us today."

For more information, visit <https://visitnaha.com/ve-day-80th-anniversary/>.

About the National Aviation Heritage Area:

The National Aviation Heritage Area is the recognized center of aviation heritage tourism and aerospace innovation, sustaining the legacy of the Wright Brothers. Our mission is to preserve and develop the assets in the National Aviation Heritage Area and promote the heritage and future of aerospace. More information about the American WWII Heritage City Program at www.visitnaha.com.



Dayton's Hidden World War II History

Thursday, May 8, 2025 at 7:00 PM Carillon Historical Park

DAYTON, OH On Thursday, May 8 at 7:00 PM, Carillon Historical Park will host a special program highlighting Dayton's role in winning World War II as part of the 80th anniversary commemoration of Victory in Europe (V-E) Day. The program will feature two of the world's foremost experts on Allied codebreaking efforts: Sir Dermot Turing and Dr. Jim DeBrosse. Doors will open at 6:15 PM.

Sir Dermot Turing is the nephew of renowned British codebreaker Alan Turing and has authored several books on the subject, including X, Y, and Z: The Real Story of How Enigma Was Broken.

Dr. Jim DeBrosse is a veteran journalist and investigative reporter whose groundbreaking narrative, The Secret in Building 26, chronicles the U.S. effort to crack the German Enigma code.

Together, Turing and DeBrosse will offer a compelling exploration of the critical codebreaking work that took place on both sides of the Atlantic—by British mathematician, computer scientist, and codebreaker Alan Turing and Dayton native **Joe Desch** (pictured).



Joe Desch

Following their presentations, both authors will be available to sign copies of their books. The Carillon Park Museum Store will have both X, Y, and Z: The Real Story of How Enigma Was Broken and The Secret in Building 26 available for purchase.

Admission is free, but RSVPs are required. Guests may reserve their spot by calling 937-293-2841, ext. 220, or by emailing semmons@daytonhistory.org with your name and the number of guests in your party.

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 unique history. The Park's 65-acre campus is home to 35+ 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., Culp's Café, Hawthorn Hill, Patterson Homestead, the Mound Cold War Discovery Center, and the Archive Center.



Dayton History
1000 Carillon Blvd.
Dayton, OH 45409

<https://www.daytonhistory.org>

Carillon Historical Park is Site #4 on the Aviation Trail



Victory in Europe Celebration & Free Seminar

Champaign Aviation Museum
Thursday, May 8th - 10:00am - 1:00pm



Presented by Bill Albers & CAM Volunteers

Join us at the Champaign Aviation Museum for an extraordinary seminar marking 80 years since Victory in Europe Day. Together, we will reflect on the historic significance of this pivotal moment, honoring the triumphs, sacrifices, and enduring legacy of the Allied victory in World War II. This special event will feature renowned WWII historian Bill Albers, who will delve into the resilience, unity, and hope that emerged from one of history's darkest chapters. Structured as a 3-part event, this seminar will begin with a presentation in the CAM library to cover the events occurring between 1914-1945 which contributed to the U.S. entrance into WWII and D-Day, followed by a break for seminar attendees to explore the Museum and talk with our B-17 restoration volunteers. The seminar will then resume in the CAM library with a presentation covering the events occurring between 1945-1953, culminating in our country's post-war economic boom and the beginning of the Cold War. Let us come together to honor the past, celebrate progress, and reaffirm our commitment to a peaceful and united future.

We look forward to seeing you at the Museum!



Champaign Aviation Museum
1652 N. Main St., Urbana, OH 43078
937-652-4710
ChampaignAviationMuseum.org

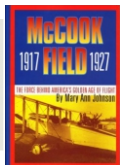
Champaign Aviation Museum is Site #13 on the Aviation Trail



Aviation Trail Gift Shop



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.



Gift items include: T-Shirts, Tumblers, Caps, Lapel Pins, Magnets, Art Prints, Note Cards, & McCook Field Book.

See the GIFT SHOP menu item on the ATI website at: <https://www.aviationtrailinc.org/> or scan the QR code.



32nd Annual Fleurs de Fête at Carillon Park

Sunday, May 18, 2025 • 1:00 pm – 4:00 pm



Held each May, Fleurs de Fête is Carillon Historical Park's original "party in the park." Guests can choose between hundreds of wines to sample and delicious bites from local restaurants.

Guests can enjoy a sampling of the hundreds of different wines that will be poured that day. Local restaurants will be serving their signature dishes to compliment the drinks of the day.

With a Belgian Beer Garden and live music throughout the afternoon, there is something for everyone to enjoy. Great wines, baskets, and one-of-a-kind experiences will be up for bidding in the silent auction. We hope everyone will join us for this special event to celebrate wine and support Dayton History.

- Must be 21 to attend and present valid ID upon entry
- Event is held rain or shine
- Tickets are non-refundable

See more at <https://www.fleursdefete.com>

Fleurs de Fête Tickets at: <https://shop.daytonhistory.org/Events.aspx>



Dayton History
1000 Carillon Blvd.
Dayton, OH 45409
<https://www.daytonhistory.org>

Carillon Historical Park is Site #4 on the Aviation Trail



Aviation Trail Membership & Donations



Membership

- Join
- Renew
- Donate

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

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

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 2025.

Online credit card payments may be made from our website. Secure payments are made through PayPal.

To join, renew, or donate to Aviation Trail see the **JOIN/DONATE** menu item on the Aviation Trail website at <https://www.aviationtrailinc.org/> or use this QR code.



To print a mail-in membership/donation form use this link: file:///E:/Documents/ATI/Membership/membership%20print%20form_c.pdf

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.



Parachute Museum Receives a Wingsuit for Collection

Donation from BASE jumper Matthew Fleischman

The Aviation Trail Parachute Museum recently received a donation of a wingsuit for its collection. The donation was made by noted BASE jumper Matthew Fleischman.

What is a wingsuit?

It is a webbing-sleeved jumpsuit that uses the webbed area to provide increased lift which allows the jumper to glide in

the air rather than free falling. Flights can be made by being dropped from a plane, or by BASE jumping from appropriate heights. Landing is usually done by deploying a parachute after performing the glide.

In the words of noted BASE jumper Matthew Fleischman, the donor of this Wingsuit:



"BASE jumping is the recreational sport of jumping from fixed objects, using a parachute to descend to the ground. BASE is an acronym that stands for four categories of fixed objects from which one can jump: buildings, antennas (referring to radio masts), spans (bridges) and earth. Participants jump from a fixed object such as a cliff and after an optional freefall delay deploy a parachute to slow their descent and land. A popular form of BASE jumping is Wingsuit BASE jumping. Moab, Utah has long been the Mecca for base jumping in the United States for two reasons. The ease of access to the cliffs from which to jump, and the fact that it is legal. Typically the vertical drop is in the 400 foot range and the height above the landing area can be anywhere from zero to 1600 feet".

Matthew Fleischman, along with fellow Wingsuit jumper **Richard Webb**, pioneered successful wingsuit BASE jumping in Moab.

To read Matthew's full story, see:

https://www.aviationtrailinc.org/_files/ugd/0d9eb3_3a3ceb49e55044d190f271583bbd1fdf.pdf

See more about their jumping at Moab on this link, which includes a YouTube video: <https://www.adrex.com/en/articles/air/base-jump/wingsuit-flying-using-science-to-minimize-the-risk/>

Learn more at these links:

https://en.wikipedia.org/wiki/Wingsuit_flying

<https://www.skydivemag.com/new/2014-05-01-moab-mother-of-all-base-not/>



The Aviation Trail Parachute Museum
16 South Williams Street
Dayton, OH 45402
(937) 225-7705
<https://www.aviationtrailinc.org/parachute-museum>

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



First NATIONAL AVIATION HALL OF FAME LEGO® Aviation Camp Gets Rave Reviews

Is there a better way to spend a week off from school when you're a kid than surrounding yourself with bottomless LEGO® piles?

That's what a lucky group of students got to do during the National Aviation Hall of Fame's inaugural spring break camp, "Discovering Flight: Mission Brixilated Bravo Alpha," at the Joe Clark Innovation Lab. The camp, powered by Brixilated, merges LEGO builds with aerospace history, giving young people a chance to explore aeronautical milestones by creating and testing LEGO models of legendary aircraft.

MISSIONS ACCOMPLISHED!



Each participant, whom we called "cadets," got a packet of official mission paperwork—including a daily flight log to complete—and a name badge. And then each day focused on a different activity.

On day one, they built and tested Wright Flyers and went on a blueprint scavenger hunt to learn about the pioneers who made it possible.

The next day, they created and raced aircraft, learning about thrust and aerodynamics along the way.

Day three was about stealth technology and high-speed flight, so the kids built SR-71 models, decoded LEGO cipher messages, and completed a high-stakes hangar escape room to earn their cockpit pieces.

Days four and five were about space exploration—they built Saturn V rockets, constructed lunar modules, and completed a maze-based landing challenge. We wrapped up the week with a graduation ceremony and celebration of all they achieved.

It was incredible to watch young aviators problem-solve, build, collaborate, and dive headfirst into the history and science of flight," said National Aviation Hall of Fame President and CEO Aimee Maruyama. "We're so proud of what they accomplished, and we're eager to launch future missions."

The camp got high marks from parents, too. "This camp exceeded expectations!" said one. "My kids had a great time and could not wait to go back the next day." Said another, "This was our first time participating in an event like this and our son loved it. The staff did a great job working with our child and allowing him to learn and explore with LEGO."

The future Discovering Flight missions are scheduled for this summer, starting in June, and will take campers on more aeronautical adventures through history, air, and space:

Summer Camps

June 9–13: Discovery of Flight

June 16–20: Dayton Air Show

July 14–18: Adventures in Space

July 21–25: Mission to Space (ages 12-16)

August 4–8: Innovations in Flight

Register for summer camps today at <https://nationalaviation.org/summer-camp/>



National Aviation Hall of Fame
1100 Spaatz St., Dayton, OH 45433
(937) 256-0944
www.nationalaviation.org

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

