



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 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

September 2021 ISSUE

9/23/2021

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

Aviation Trail Parachute Museum to Participate in Festival of Flight

Saturday, September 25, 2021
Wright State University

The Festival of Flight is a celebration of the innovative and world-changing aviation heritage of Dayton and the Miami Valley region. Representatives from the Aviation Trail Parachute Museum will be joining the live entertainment, fun aviation-related educational experiences. The 2021 Festival of Flight will be held in Lot 1 on Wright State University's Dayton campus just in front of the student union ([CLICK HERE](#) for map).



Join us on Saturday, September 25 from **11 to 5**, on the grounds of Wright State University for a day full of live entertainment, fun aviation-related educational experiences, and creative local innovations. Grab food from some of the area's most popular food trucks, dance to favorite local bands, and bring the family to explore the Kids Zone.

For updates, and more on the Festival of Flight see <https://festivalofflight.org/>



Aviation Trail and the Parachute Museum will be raising parachutes and celebrating the 102nd Anniversary of the first freefall. Try on a parachute (no jumping allowed). Watch the Fastrax Skydiving team jump at our booth. Plenty of thrills! Safe for all ages.

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

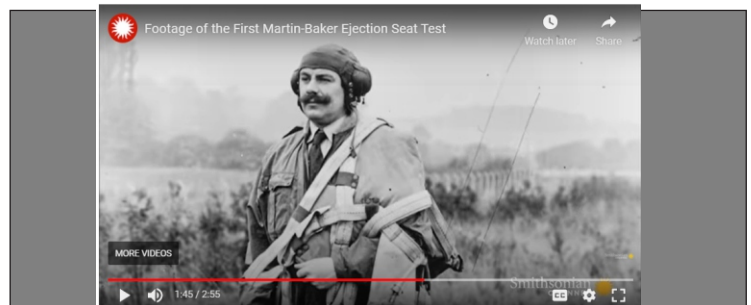
The Aviation Trail Parachute Museum is Site #1b on the Aviation Trail.

Parachute Museum Theater



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

First Martin-Baker Ejection Seat Test #5 in a series of videos featured by the Aviation Trail Parachute Museum



Presented by [The Smithsonian Channel](#)

Log in to the Parachute Museum Theater page at:
<https://www.aviationtrailinc.org/parachute-museum-theater>
to view this video, and more.

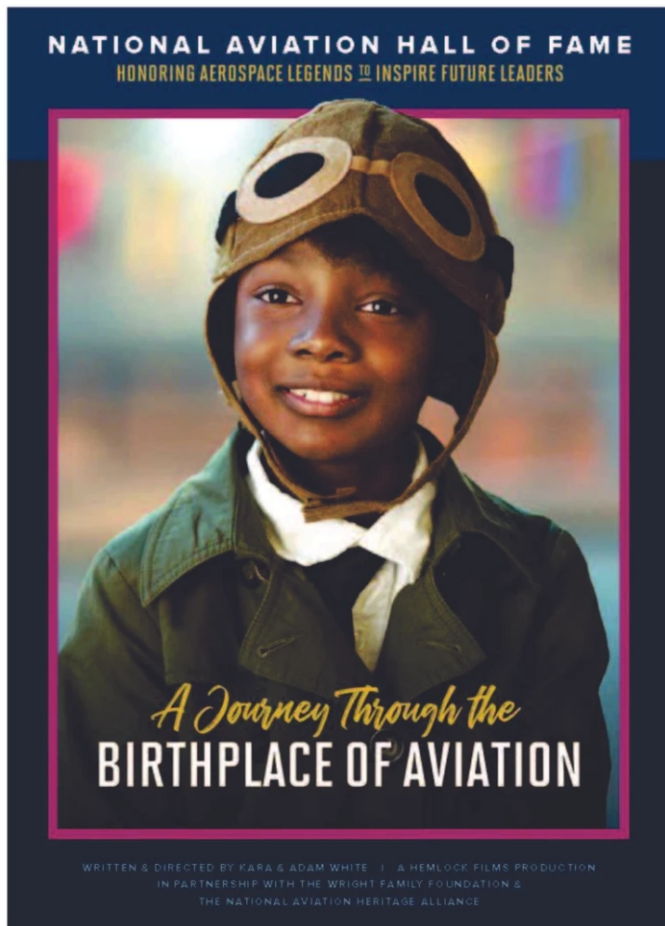
The [Martin-Baker Aircraft Company](#) was formed by [James Martin](#) and [Captain Valentine Baker](#) in 1934. In addition to airplane design and manufacturing, they began exploring the use of ejection seats and became the leading manufacturer of the life-saving device. Martin-Baker engineer Bernard Lynch, who was the test subject throughout the development of the Martin-Baker device, made it's first live ejection from a [Gloster Meteor](#) in 1946. (A Smithsonian Channel video).

See the Parachute Museum page for access to more Parachute Museum Theater videos. <https://www.aviationtrailinc.org/parachute-museum-theater>

National Aviation Hall of Fame Invitation

Saturday, September 25, 2021 at 12:30 p.m.
Wright State University Student Union, Dayton, Ohio

Join us for an exclusive **FREE** showing of our documentary
"A Journey Through the Birthplace of Aviation"



Presented in partnership with
Wright State University's Festival of Flight, the
National Aviation Hall of Fame
and the
National Aviation Heritage Area
invite you to join us for a free showing of
A Journey Through the Birthplace of Aviation

When: September 25, 2021 at 12:30

Where: Wright State University Student Union, Dayton, Ohio

Who: Amanda Wright-Lane, Wright Family,
Representative from Dayton History/Carrilion Park,
Dante Centuori, Armstrong Air & Space,
Kendell Thompson, National Park Service,
Angie Hoschouer, Woodland Cemetery, and,
moderated by Mackensie Witmer, National Aviation Heritage Area,
hosted by Amy Spowart, National Aviation Hall of Fame

[View the trailer here](#)

[Sign up for the FREE event](#)

Check us out at www.nationalaviation.org

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

Trail Sites Opening Status

Updated Status of Aviation Trail sites regarding visitors during the COVID-19 precautions

Most of the Aviation Trail sites are now open, with COVID precautions in place, and some with limited hours. Since conditions at each venue can change quickly, it is suggested that visitors check each site's current status by using the [TRAIL SITES](#) page on the Aviation Trail website to find the contact information (website and phone) of each respective site.

A list of the status of sites on the Aviation Trail is also posted on the the "Aviation Blog" page of the Aviation Trail website. It is updated as changes occur: <https://www.aviationtrailinc.org/post/covid-19-closure-updates-1>. Before traveling to a site on the Aviation Trail, please verify that site's status by contacting that site (see above). For sites that are open, refer to their individual websites for days and hours.



Aviation Trail Gift Shop

CLICK the image below to visit the
Aviation Trail gift shop page online store



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.



Unmanned Systems Academic Summit - 2021

Thursday, October 14, 2021
11 a.m. - 1:00 p.m. (EDT)
Sinclair College | Dayton, OH

*This event will be held virtually



• Live, online content from invited experts providing engaging presentations related to their work in unmanned systems research and development, education and training, commercialization, and technology transfer.

• Opportunities to submit questions to the speakers following each presentation.

• Provision of the recorded conference proceedings to those that attend the live event and to anyone signed up that may have a schedule conflict or those registering for access following the Summit.

• A certificate for a FREE Introduction to UAS Simulation and Flying lab experience - a \$30 value.

AGENDA

WELCOME

Andrew D. Shepherd, Ph.D., Executive Director and Chief Scientist, Unmanned Aerial Systems, Sinclair College
Carolyn Rice, Commissioner, Montgomery County, Ohio

SPONSOR MESSAGES

Erik Collins, Director, Montgomery County Community and Economic Development

Alexandre Meldem, U.S. Office Managing Director, Flyability, Inc.

PRESENTATIONS

V. Celeste Carter, Ph.D., Program Director, National Science Foundation
The Advanced Technological Education Program (ATE) and UAS

Steve "Lux" Luxion, Col. (ret.), Executive Director, ASSURE
Beyond the FAA: ASSURE Research Update and Initiatives

Eric W. Frew, Ph.D., Professor in the Ann and H.J. Smead Aerospace Engineering Sciences Department and Director of the Autonomous Systems Interdisciplinary Research Theme (ASIRT), University of Colorado Boulder
Center for Autonomous Air Mobility and Sensing: Creating the Future

Brent A. Terwilliger, Ph.D., Associate Professor and MSUS Program Coordinator, Embry-Riddle Aeronautical University, Worldwide Campus, College of Aeronautics
Preparing for the Future: Unmanned Systems Employment and Career Development Trends

Greg Wasmund, Director, Workforce Development, Sinclair College
Liz Bent, Ph.D., Program Director, Digital Thread Learning, Sinclair College
Digital Threads: Applications and Benefits

CONCLUSION

Andrew D. Shepherd, Ph.D., Executive Director and Chief Scientist, Unmanned Aerial Systems, Sinclair College

Online Proceedings Hosted By:



Public Sector Sponsor:



Industry Sponsor:



Unmanned Systems continued in the next column...

...Unmanned Systems, continued from previous column.

The 7th annual Unmanned Systems Academic Summit will include invited experts providing engaging presentations related to their work in unmanned systems research and development, education and training, commercialization, and technology transfer.

This year's proceedings will again occur online, with registered attendees gaining access to the live event for opportunities to ask questions of the speakers following each presentation. Additionally, the event will be recorded to provide the conference proceedings to both those that attended the live event and to anyone that may register following the Summit but who still wish to access the content.

Because the event is virtual in 2021, each registration will include a voucher for a free Introduction to UAS Simulation and Flying lab experience, a \$30 value.

Summit attendees may choose to use their voucher themselves, give it away, or donate it for use by a high school student from the Dayton, OH region. All vouchers will expire by June 30, 2022 if not redeemed.

Registration Fee: \$30

[CLICK HERE to Register or for more Information](#)

Sinclair National UAS Training and Certification Center is Site #17 on the Aviation Trail



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.

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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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