



# 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. Both versions are available on the ATI website "Newsletters and Brochures" page: <http://www.aviationtrailinc.org/newsletters>).



Above: 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

**June 2018 ISSUE**

06/20/2018

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

## **"Protect the Propeller"**

**Site #10 on The Aviation Trail is the Special Collections and Archives in the Paul Laurence Dunbar Library at Wright State University**

*A crowdfunding campaign has been launched to raise funds to pay for conservation of an important item in the collection:  
**a Wright Brothers 1912 Bent End Propeller.***

Help the Archives complete conservation work on a priceless 1912 Wright Brothers Bent End Propeller so it can once again be publicly displayed for the campus, community, and visitors from around the globe who visit Special Collections and Archives to experience the largest Wright Brothers Collection in the world.

To donate, follow this link to the site:

<https://www.givecampus.com/schools/WrightStateUniversity/protect-the-propeller>

**The campaign ends on June 30, 2018 at 100:00AM.**



The Bent End Propeller was one of a series manufactured by the Wright Company for use on the Wright Model C standard commercial production airplane in 1912. The propeller is likely to have been used at Huffman Prairie during the years the Wright School of Aviation operated. It has been on display in the archives since its donation in 1978 and deterioration of the artifact has occurred over time due to aging and environment. Conservation is necessary to stabilize the propeller for long term preservation and exhibit.

Learn more about the Bent End Propeller at <https://www.libraries.wright.edu/community/outofthebox/2017/10/09/wright-1912-bent-end-propeller-receiving-conservation-treatment/>

The archives of Wright State University, which is named in honor of Wilbur and Orville Wright, contain the most complete collection of Wright brothers items, including about 4,000 photographs that document the invention of the airplane or pertain to the Wright family. The Archives also includes many other aviation collections, all of which are available to researchers with advance notification. A full-scale replica of the Wright brothers' 1903 airplane hangs from the ceiling of the Library's atrium and selected items from the Archives' Wright Brothers Collection are on display in the Library Reading Room.

Wright State University • 3640 Colonel Glenn Highway • Dayton, Ohio 45435 • Special Collections and Archives • Paul Laurence Dunbar Library • (937) 775-2092 • [www.libraries.wright.edu/special/](http://www.libraries.wright.edu/special/)



## UAS Midwest Event

**SAVE THE DATE!**

**August 15, 2018 • Dayton, Ohio**



- Come see how the FAA, DoD and industries are working together in the Midwest to advance the technologies and applications of UAS in our world.
- Learn the latest news from the FAA and the Air Force Research Laboratory.
- Learn how industries are utilizing UAS to grow their businesses and provide added value to their customers.
- See how the State of Ohio is incorporating UAS in their strategy for developing autonomous transportation capabilities for public use.
- Hear how to do business with the Air Force Research Laboratory in this exciting field.
- Get updates on current and news about upcoming funded research opportunities utilizing UAS.

[www.uasmidwest.org](http://www.uasmidwest.org) - More information coming soon!  
Sinclair College, 444 W. Third St., Dayton, OH 45402



## Paul Laurence Dunbar Birthday Party

Dayton Aviation Heritage National Historical Park

Dayton's National Park, in collaboration with the Dunbar Branch of the Association for the Study of African American Life and History (ASALH), will be hosting a birthday party to commemorate the life of Paul Laurence Dunbar, Saturday, **June 23 from 11:00 am to 3:00 pm.**



The event will feature tours of the home, hot dogs and chips, veggie burgers, cake and ice cream, music, storytelling and Dunbar's poetry. Everyone is invited! **The event is FREE.**

The fun continues Sunday, June 24 (11:00 am to 3:00 pm) with activities slated for our youth. Adventure abounds with games, trivia, poetry, and more birthday cake and picnic items throughout the day. Kids of all ages will be able to experience the same kind of games Paul Laurence Dunbar did.

The Paul Laurence Dunbar House Historic Site is located at 219 N. Paul Laurence Dunbar Street, Dayton, Ohio. Please enter through the visitor center entrance on Edison Street (around the corner from the Dunbar House).

Tours of the home are free and available from 10:00 am to 4:00 pm on Friday, Saturday and Sunday (last tour at 3:30 pm).

For more information call 937.225.7705 or email Ranger Gregg at [Gregg\\_Smith@nps.gov](mailto:Gregg_Smith@nps.gov)



## WACO Expands Summer Camps

Nancy Royer, Learning Center Director, WACO Air Museum

**WACO Summer Camps at WACO Air Museum & Learning Center**  
**1865 S. County Rd. 25A, Troy, OH 45373**



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

Learning doesn't have to stop just because summer has arrived. WACO offers summer camps that will fascinate and engage your child. Brand new this summer are two sessions of Drone Camp. 4th – 6th grade campers will learn about the exciting uses of drones, fly simulators and real aircraft, program flights, and complete fun challenges.

7th – 12th graders will learn about all of the above, plus explore availability of careers for drone operators, complete safety risk assessments, and learn concepts of operations, fly simulators and real aircraft, program flights, build a hand-controller, and complete fun challenges. Both age groups will have an option to purchase the same model UAV that will be used during the week of camp. Each camp is limited to 25 participants, and will be held July 30th – August 3rd. Your child will not want this week of camp to end! Register by July 16th.

Two weeks of Robotics Camps are offered. July 9th-13th and July 16th-20th. The first week caters to 4th – 6th graders and the second week is designed for 7th – 9th graders. This STEM focused robotics camp is designed to teach 16 students concepts in science, technology, mechanics, engineering, and computer programming by building a robot with LEGO bricks, gears, axels, motors and sensors. Students will program the robot to complete certain tasks with their newly acquired computer programming skills and the use of sensors. Though the student will not be able to take the robot home, they will demonstrate their accomplishments to parents on the last night of camp.

Experience the excitement of aerodynamics at WACO Aviation Summer Camp. This 5 day course begins with a basic history of manned flight and what makes things fly. The students build kites, gliders, hot-air balloons and aircraft models. They experiment with thrust, drag and lift, study the engine, controls, and instruments, do flight planning, fly a radio controlled airplane and quadcopter, and end the week with an orientation flight in a general aviation aircraft!

Call the museum (937) 335-9226 or visit the website ([www.wacoairmuseum.org](http://www.wacoairmuseum.org)) for more information.



# Unmanned Systems Academic Summit

Andrew D. Shepherd, PhD Executive Director, Unmanned Aerial Systems

August 14, 2018, 7:45 a.m. - 6 p.m. | Sinclair College | Dayton, Ohio

The fourth annual Unmanned Systems Academic Summit will deliver cutting-edge demonstrations and presentations highlighting the exciting advances in the UAS industry in 2018.



Co-hosted by The Ohio State University and the Sinclair College National UAS Training and Certification Center, the Summit facilitates an open dialog related to ongoing activities, technologies, and trends in UAS education and research. Invited experts will provide focused presentations related to their work in UAS research and development, education and training, commercialization, and technology transfer. Engaging live technology demonstrations, hands-on activities, and a networking reception will be conducted in the afternoon in the Sinclair National UAS Training and Certification Center and UAS Indoor Flying Pavilion.

CO-HOSTED BY



THE OHIO STATE UNIVERSITY  
COLLEGE OF ENGINEERING




Sinclair College, 444 W. Third St., Dayton, OH 45402

See this link for fees and registration information: <http://uas.sinclair.edu/summit2018/>

# 175th Anniversary of Woodland's First Burial

Angie Hoschouer, Manager of Development and Marketing, Woodland Cemetery & Arboretum

Wednesday, July 11, 2018 at 1:00PM  
[www.woodlandcemetery.org](http://www.woodlandcemetery.org)



**175<sup>th</sup> Anniversary of the First Burial in Woodland Cemetery and Arboretum**

Join us on Wednesday, July 11, 2018 at 1:00 p.m. for a remembrance program and wreath laying at the burial site of Allen Cullum and the Independent Order Of Oddfellows burial lot.

A native of Butler County, Ohio Allen Cullum died on July 9, 1843. He was the first burial at Woodland Cemetery on July 11, 1843. On the 175<sup>th</sup> Anniversary of his burial we will honor him and the Independent Order of Odd Fellows with a special ceremony.

Speakers and Program provided by Woodland Cemetery and Arboretum and Grand Lodge of Ohio, I. O. O. F.

The event is open to the public and all are encouraged to attend this momentous occasion. Refreshments will be served. Please RSVP to Angie at 937-228-3221 ext. 111 or [ahoschouer@woodlandcemetery.org](mailto:ahoschouer@woodlandcemetery.org)

In the event of inclement weather, the program will be held in the Mausoleum.

Woodland Cemetery and Arboretum  
118 Woodland Avenue  
Dayton, OH 45409  
937-228-3221  
[www.woodlandcemetery.org](http://www.woodlandcemetery.org)

# 2018 Runway Fest

Friday, Aug. 10, 6:00 PM - 10:00 PM

Dayton-Wright Brothers Airport is hosting its 7th Annual Runway Fest on August 10, 2018. Runway Fest continues to be an overwhelming success. In 2017 this event was attended by over 3,500 visitors.



The festival includes great food, fantastic entertainment and top-notch fireworks. This FREE event encompasses fun for the whole family with a live band, inflatables for the kids, top-notch fireworks, and much more.

Aircraft Static Displays ~ Airplane Rides ~ Inflatables ~ Fireworks and more!  
10550 N Springboro Pike, Miamisburg, OH 45342  
<https://www.daytonlocal.com/events/runway-fest.asp>

# Support ATI with a Membership or Donation



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

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

Address \_\_\_\_\_

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

Phone (H) \_\_\_\_\_ (W) \_\_\_\_\_ (M) \_\_\_\_\_

E-mail Address \_\_\_\_\_

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

## Membership Levels

I / We wish to remain anonymous.

\_\_\_\_\_ \$15.00 Senior (age 60+)

\_\_\_\_\_ \$50 Contributing

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

\_\_\_\_\_ \$20 Individual

\_\_\_\_\_ \$100 Supporting

\_\_\_\_\_ Other

\_\_\_\_\_ \$30 Family

\_\_\_\_\_ \$500 Individual Life

Members of Aviation Trail, Inc. receive a subscription the the Aviation Trail newsletter, and advance invitations to Aviation Trail events and programs.

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

Mail to Aviation Trail, Inc. / PO Box 633 / Dayton, OH 45409

## 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.

Online credit card payments may be made from our website at [www.aviationtrailinc.org](http://www.aviationtrailinc.org).

Select the "Memberships-Donations-Reservations button from the top menu. Secure payments are made through PayPal.

*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 / Dayton, OH 45409 / [www.aviationtrailinc.org](http://www.aviationtrailinc.org)

### ***Would you like to help Aviation Trail In promoting Dayton's aviation heritage?***

Your membership is a great help, but there are additional ways you can contribute with your interest in aviation. Aviation Trail has some openings on the board of trustees, and is seeking volunteers who want to put their time and talents to use by helping our organization to achieve its goals of preserving and developing Dayton's aviation history. Board members meet once a month to plan, initiate, and direct activities to promote Dayton's aviation heritage. If you would like to be a part of this, contact us at [avtrailinc@gmail.com](mailto:avtrailinc@gmail.com) to learn more.