



# 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 **NOVEMBER 2020 ISSUE** 11/24/2020

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

## A Carillon Christmas

**November 24 – December 30, 2020\***

5:00pm – 9:00pm

at Carillon Historical Park

\* Closed Thanksgiving Day, Christmas Eve, and Christmas Day



Join Dayton's newest holiday tradition for A Carillon Christmas to see Carillon Historical Park's 65-acre campus transformed into a winter wonderland of sparkle, magic, and holiday cheer!

See the Dayton History website at

<https://www.daytonhistory.org/events/special-events/a-carillon-christmas/>

for a full list of the many activities, prices, and to order tickets.

Carillon Historical Park  
Dayton History  
1000 Carillon Blvd  
Dayton, OH 45409  
(937) 293-2841



**Carillon Historical Park is Site #4 on the Aviation Trail.**

## Armstrong Air & Space Museum Holiday Lights

**Friday November 27, 2020 - January 03, 2021**

**Drive-through Event**



The Armstrong Air & Space Museum will inaugurate the holiday season by illuminating their grounds with a vast array of festive and colorful lights. The exhibition contains a multitude of space-themed displays made from tens of thousands of lights, with prominent works including a twenty-foot-tall Saturn V rocket and a giant Apollo-era astronaut saluting the American flag. To help promote social distancing and accessibility this year, the Display has been modified into a drive-thru event! Holiday lights will be spread periodically throughout the museum parking lot to allow guest to experience the lights from the convenience of their own vehicles.

The Display officially kicks-on at 7:00 p.m. on November 27th, when the lights are turned on for the first time during the "Grand Illumination" event. The museum itself will be open as part of the event for guests to shop or visit from 6:00 to 8:00 p.m.

See the Armstrong Air & Space Museum website event page for more details and health safety precautions:

<https://www.armstrongmuseum.org/events/armstrong-event/armstrong-air-space-museum-annual-holiday-lights-display-no-comments>

500 Apollo Drive • Wapakoneta, OH 45895 • (419) 738-8811 or (800) 860-0142

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



## National Museum USAF First Thursday - Open Late

December 3, 2020 open until 8 p.m.  
5-8 p.m. – Look inside the F-111A



The museum, gift shop and café at the National Museum of the United States Air Force will remain open until 8 p.m. the first Thursday of each month in 2020.

Visitors can look inside the cockpit of the F-111A the evening of Dec. 3. The U.S. Air Force F-111A first flew 56 years ago in December 1964. The F-111 was unofficially referred to as the Aardvark, it did not receive the name officially until it was retired in 1996. Former F-111 pilot and museum volunteer Lt. Col. (Ret.) Eric Puschmann will be available to talk to visitors about the aircraft.

For a complete schedule of 2020 Thursday evening opening dates, visit <https://www.nationalmuseum.af.mil/Upcoming/Events/>.

1100 Spaatz St, Dayton, OH 45431 • (937) 255-3286 • [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*

## November in Aviation History

November 21, 1783

On November 21, 1783 a balloon made of cloth and paper\* by brothers Jacques-Étienne and Joseph-Michel Montgolfier made the first free hot-air balloon flight. It was piloted by Jean-François Pilatre de Rozier and François Laurent, the marquis d'Arlandes. After previous successful manned and unmanned tethered demonstrations by the Montgolfiers, (including one test flight that carried a sheep, a duck, and a rooster), this was the first untethered flight. The 60,000 cubic foot balloon was about seventy-five feet tall and about fifty feet in diameter. The flight (which happened to be witnessed by Benjamin Franklin), reached a height of about 3000 feet, and flew about 9 kilometers in 25 minutes before being forced to land when burning embers threatened to destroy the balloon.



*November in Aviation History continued in next column...*

*...November in Aviation History continued from previous column*

The development of gas balloons proceeded almost in parallel with the work of the Montgolfiers. On 1 December of 1783, Jacques Charles and Nicolas-Louis Robert flew the first manned hydrogen balloon, for 2 hours 5 minutes and covered 36 km. Jacques Charles immediately flew again, alone, and ascended to 3,000 meters. Work on each type of balloon was spurred on by the knowledge that there was a competing group and alternative technology. Interest in hot air balloons was largely superseded by gas balloons over the following decades. But with the advent of nylon balloons and propane burners in the 20th century, hot air ballooning has

## Site Opening Status

- Re-openings of several Aviation Trail sites
- Other re-openings being phased in

As indicated in the "Flight Log" for the last seven months, most of the trail site facilities had posted closings due to the COVID-19 virus threat. There are several sites that have re-opened in June, July, and August. This is something that can change daily, so check the websites for the individual trail sites to get the latest information. 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>

Since things can change on a day-to-day basis, it is recommended that visitors contact the individual sites directly before making plans to visit. The website and phone information for each site is available on the Aviation Trail website "Trail Sites" page, <https://www.aviationtrailinc.org/copy-of-trail-sites>, and on the Aviation Trail brochure, which can be downloaded from that page.

## Aviation Trail Memberships & Donations

Help support Aviation Trail, Inc. and the Aviation Trail Parachute Museum

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 2021.



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.

See the **JOIN/DONATE** menu item on the Aviation Trail website to join, renew, or donate.

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.



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[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 at**  
<https://www.aviationtrailinc.org/membership-donations-reservations-orders>

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