



# The Frederick Flyer



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### President's Message

July is a very special month. It begins with the celebration of the birth of our democracy, filled with cook-outs, fireworks and family. In the Baltimore area, the Star Spangled Banner has a special place in our hearts. The month then ends with the biggest celebration of our aviation heritage with Airventure. Again filled with cook-outs, fireworks, and friends and family. But this time, add-in over a week of airshows, workshops, vendors, and acres of homebuilt and restored aircraft. The list goes on. I hope that you will get a chance to visit Oshkosh, Wisconsin at least a few times in your life. Each year is better than the last.

Closer to home, this July marks the completion (is there such a thing for a homebuilt?) and first flight for Steve Gross' RV-10. Congratulations Steve and all those who helped with the project! Also, the Chapter has submitted a candidate to EAA for the Ray Aviation Scholarship. While I do not expect any snags, it will take about a month for the scholarship award to become official, so stay tuned.

On a personal note, July marks the anniversary of my first solo. It was in a Cessna 172, N35465, at Tipton airport. I had to hurry a little bit, because thunderstorms we forecasted later in the afternoon. Months of training paid off with three touch and goes in the quiet and warm summer air. I remember being half way through one of the patterns, all by myself, knowing that 'I got this'. Really, I had no other choice. Landing is mandatory. All went well and we had the plane tied down before the rain came. I drove home playing Ride of the Valkyrie on the car's CD player.

I wish you a great July filled with some adventure.

Take care,  
Chris  
President  
EAA Chapter 524



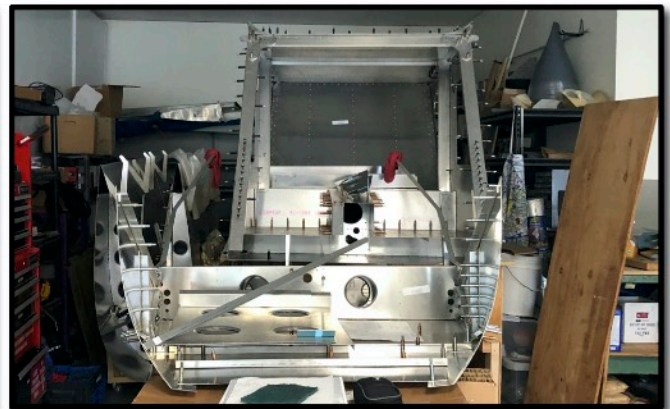
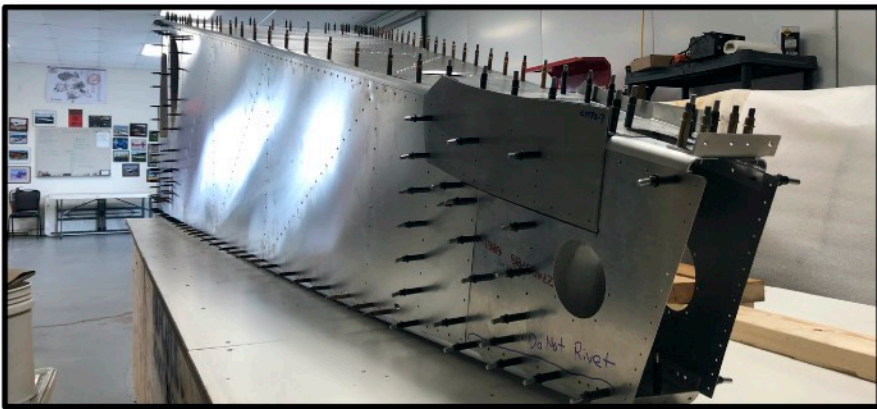
RV 10 Humble beginnings 2019







# Summer Progress with Veterans Build

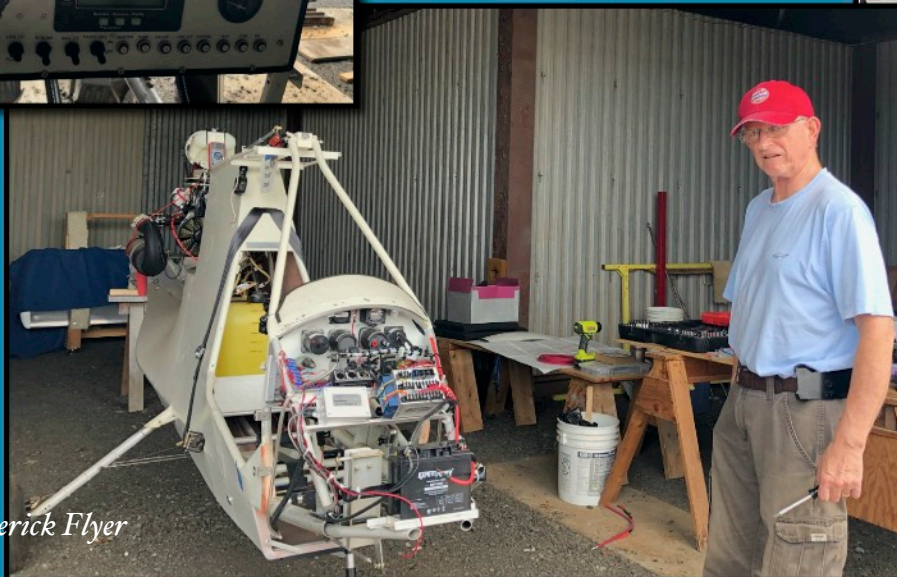


## Ultralight Update at FDK



This July found Joe Halleman hard at work on his ultralight. There are some new upgrades to his avionics and electrical wiring. Be sure to ask him about it.

See you at the Hangar!







## RV 10 Takes A Spin & Tests Magnetometer



**3 July 2022** - I was fortunate to run across the RV10 - Build Team as they prepared to taxi around the airport and test the accuracy of the magnetometer. Wow! The seats are in, the air-conditioning works like a charm and the back seat is really roomy!

[Taxi Around FDK Video Link](#)





# RV 10 Celebrates Independence Day with Maiden Flight



**4 July 2022** - The RV 10 completed her maiden flight. David Hirschman did an amazing job as the test pilot. Dave is the AOPA Pilot Editor at Large and has extensive experience as a pilot and instructor.

The Build Team continues to meet: Tuesdays and Thursdays, 6pm - 9pm.

[AOPA Link](#)

[First Flight Video Link](#)





# Club Bulletin Board

★★★ **ATTENTION AVIATION ENTHUSIASTS** ★★★  
 YOU'RE INVITED TO ATTEND THE MONTHLY MEETING OF THE



## EXPERIMENTAL AIRCRAFT ASSOCIATION CHAPTER 524

**WHEN:** FIRST THURSDAY OF EACH MONTH, 7:00 P.M.  
**WHERE:** AVIATION EDUCATION CENTER  
 (HANGAR SOUTH OF THE FREDERICK FLIGHT CENTER AT FDK)



NEXT REGULAR MEETING AUGUST 4TH

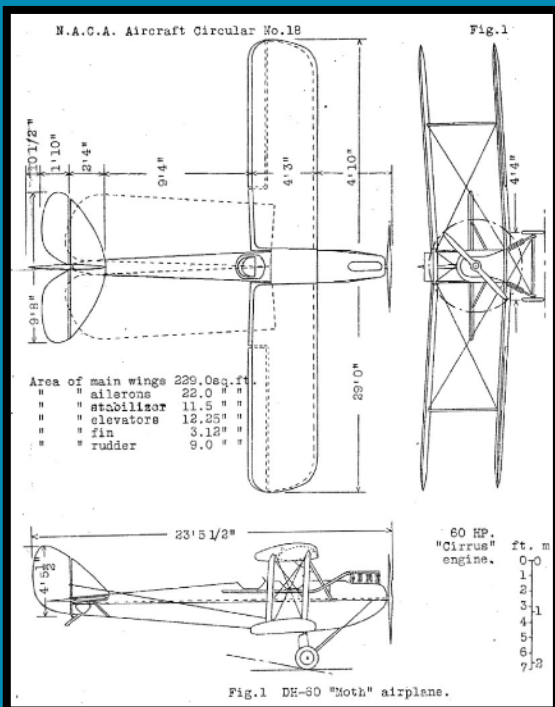
**SPEAKERS: MIKE SCHWARTZ & RYAN CRAWFORD**

### "EXPLORE MARYLAND BY AIR and The VIRGINIA AVIATION AMBASSADOR PROGRAMS"

MIKE AND RYAN WEAR MANY HATS, INCLUDING CFI, FAA SAFETY TEAM AND BEING AVID PILOTS. THEY WILL GIVE AN OVERVIEW OF THESE FLYING PROGRAMS WITH RISK MANAGEMENT, AIRCRAFT PERFORMANCE, AS WELL AS TIPS AND TRICKS FOR THE EXPLORE MARYLAND BY AIR AND VIRGINIA AVIATION AMBASSADOR PROGRAMS.

★★★ MODELING ★★★ SAFETY ★★★ YOUNG AND OLD EAGLES ★★★

## VINTAGE NEWS



de havilland DH.60X Hermes Moth G-EBWD, the same type airplane flown by Lady Bailey.

### 5 July 1927: Lady Bailey, with Mrs. Geoffrey de Havilland

" set a Fédération Aéronautique Internationale (FAI) World Record for multi-place light aircraft.

... The de Havilland DH.60 was a light-weight, two-place, single-engine, single-bay biplane. The fuselage was covered with plywood and the wings and tail surfaces were covered with fabric. It was 23 feet, 5½ inches (7.150 meters) long with a wingspan of 29 feet, 0 inches (8.839 meters) and overall height of 8 feet, 9½ inches (2.680 meters). The airplane was designed so that the wings could be folded parallel to the fuselage, giving it an approximate width of 9 feet (2.7 meters). The wings had a chord of 4 feet, 3 inches (1.295 meters). The vertical gap between the wings was 4 feet, 10 inches (1.473 meters) and lower wing was staggered 3 inches (7.62 centimeters) behind the upper. Both wings had 3.5° angle of incidence and 3.5° dihedral. There was no sweep. Empty, the DH.60 had a weight of 764 pounds (346.6 kilograms) and loaded weight of 1,650 pounds (748 kilograms)."

... click on title for full article.



The Honorable Mary Bailey D.B.E. (1890-1960) (Monash University)



de havilland DH.60X Hermes Moth G-EBWD, the same type airplane flown by Lady Bailey. (San Diego Air and Space Museum Archives)



# Fly-In/Events of Interest

## Smokehouse Pilots Fly Out

July 17, 2022

- Ocean City, MD
- Ocean City Municipal Airport (KOXB)

*click on title and follow the link*

## Smokehouse Pilots Fly Out

July 17, 2022

- Ocean City, MD
- Ocean City Municipal Airport (KOXB)

*click on title and follow the link*

## AirVenture

July 25-31, 2022

- OshKosh, WI - (588 nm)
- Wittman Regional Airport (KOSH)

*click on title and follow the link*

## Open Airplane Day

- Hagerstown Aviation Museum - (42 nm)
- Hagerstown Airport (KHGR)
- 14211 Basore Dr, Hagerstown MD 21742
- 9:00 a.m. - 4:00 p.m.

June 19, 2022 - Fathers Day

July 16, 2022

August 20, 2022

October 01, 2022

*click on title and follow the link*

## Wilkes-Barre Airshow

August 12-13, 2022

- Avoca, PA
- Wilkes-Barre/Scranton International Airport

*click on title and follow the link*

## Atlantic City Air Show

August 24, 2022

- Atlantic City Beachfront, NJ (122 nm)
- Atlantic City Airport (KACY)

*click on title and follow the link*

## American Spirit Aviation Festival

Saturday, August 27, 2022

~7:30 am to 4:00 pm~

OPENING CEREMONY 9am || Parking \$5.00

## ST. MARY'S MUNICIPAL AIRPORT

159 Cessna Road, St. Mary's, PA 15857



Food Vendors  
Retail Vendors  
Kids Zone  
Plane Rides  
WWII Plane Displays & Rides  
Emergency Services Displays  
5K Run  
Kids Fireman Challenge  
Pin Up Girl Contest

LIVE MUSIC by MIDNIGHT REVIVAL, 12pm - 3:30pm

FLY-IN//DRIVE-IN PANCAKE BREAKFAST \$10

Kids 12 and Under \$5.00

7:30am-10:30am

pancakes||eggs||sausage||juice||coffee||water



12TH ANNUAL CAR SHOW || RAIN OR SHINE  
REGISTRATION 9:30AM - 12PM  
SHOW 12PM - 4PM

## Fly in Festival

August 26 & 27, 2022

- Huntington, WV - (244 nm)
- Robert Newlon Filed (141)

*click on title and follow the link*

## New York Air Show

August 27 & 28, 2022

- Montgomery, NY - (194 nm)
- Orange County Airport (KMGJ)

*click on title and follow the link*

## Leesburg Airshow

August 30, 2022

- Leesburg, VA - (19nm)
- Leesburg Airport (KJYO)

*click on title and follow the link*

## New Garden Flying Field Air & Car Show

August 30, 2022

- New Garden Airport, Toughkenamon PA
- New Garden Airport (N57)

*click on title and follow the link*

## Golden Age Museum Flying Circus

September 03 & 04, 2022

- Bethel, PA - (92 nm)
- Grimes Airport (8N1)

*click on title and follow the link*

## Chester County Balloon Festival

September 9-11, 2022

- Kennett Square, PA
- Willowdale Steeplechase Grounds

*click on title and follow the link*

## Wings & Wheels Expo

September 10, 2022

- Hagerstown Aviation Museum, MD - (42 nm)
- Hagerstown Airport (KHGR)

*click on title and follow the link*

## Maryland Fleet Week & Air Show

September 07 & 13, 2022

- Baltimore, MD - (28 nm)
- Baltimore Inner Harbor

*click on title and follow the link*

## Joint Base Andrews Air Show

September 16 & 18, 2022

- Camp Springs, MD - (26 nm)
- Joint Base Andrews Airport (KADW)

*click on title and follow the link*

## 11th Lancaster Hot Air Balloon Festival

September 16 & 18, 2022

- Bird-in-hand, PA

*click on title and follow the link*

## Oceana NAS Air Show

September 17 & 18, 2022

- Virginia Beach, VA - (151 nm)
- Oceana NAS (KNTU)

*click on title and follow the link*





# Upcoming Events

## Chapter Meetings

**Meeting date & time:** Aug 4, 2022; 7 pm

**Presentation:** August to be determined; will post on Facebook and Chapter event calendar when determined.

**Board Zoom Meeting:** Aug 11, 2022; 7 pm.

**VMC Club Meeting: NO MEETING IN JULY!** and Aug 15, 2022 at 7pm

A hybrid meeting (at the Hangar and Zoom) is a success! More ways to join in. Visit [Event Calendar page](#) or reach out to the VMC coordinator (email listed on the right hand column)

**IMC Club Meeting:** July 19, and Aug 16, 2022; at 7pm

IMC meetings will be held in person at the Chapter Aviation Education Center/ Hangar, unless otherwise notified. For up to the minute clarification on meeting status, visit [Event Calendar page](#) or reach out to the IMC coordinator (email listed on the right hand column).

Visit [IMC Club meeting page](#) and [VMC meeting page](#) form more information.

## Other Events

Go to EAA Events at: <http://www.eaa.org/news>

Go to EAA Aviation Calendar of Events at:

<http://www.eaa.org/calendar>

Go to AirVenture at:

<http://www.airventure.org/index.html>

<https://www.eaatogether.org/>

Go to EAA SportAir Workshops at:

<http://www.eaa.org/sportair>

## Chapter Monthly Meeting Program Schedule

Month	Program
July	NO MEETING - AirVenture and Vacation Month!!!
Aug	Mike Schwartz & Ryan Crawford" Explore Maryland by Air and the Virginia Aviation Ambassador Programs
Sept	TBD

## CHAPTER OFFICERS

- ★ **President**  
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EAA524.President@gmail.com
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Mark Pankratz  
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- ★ **EAA Flight Advisors**  
Vacant
- ★ **EAA Technical Counselors**  
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Mark Pankratz  
mlp07@live.com  
Steve Gross  
SGross@minkoff.com



Aviation Ana  
**Chapter 524 Exploits**



## FREE EAA Webinars

EAA webinars are free to all aviation enthusiasts. Pre-registration is recommended since space is limited to the first 1,000 registrants.

<https://www.eaa.org/ea/news-and-publications/ea-webinars>

Live multimedia presentations, informative and interactive, allow presenter to use slides and audio. Audience members can ask questions or polled for opinion. Webinars begin 7pm CDT.

- 07/13/22 Squawk Talk - All about Radar and Transponders \*\*
- 08/02/22 Homebuilt Highlights from AirVenture \*\*\*
- 08/03/22 Disastrous Annual\*\*
- 08/09/22 The Culver PQ-14
- 08/10/22 Handling In-Flight Emergencies in Small Airplanes\*
- 08/17/22 Traffic Patterns at Non-Towered Airports\*
- 08/31/22 IFR Routing tricks for Efficiency and Workload Restriction\*
- 09/13/22 The Treasures of Pioneer Airport, Part 1
- 09/14/22 Crosswind Conundrum-When Winds and Runway Don't Align\*
- 09/28/22 Flying with Datalink Weather-ADS-B & Sirius XM Tips\*
- 10/13/22 Tax Exempt Basics

\* Qualifies for FAA WINGS credit

\*\* Qualifies for FAA WINGS and AMT credit

\*\*\* HOMEBUILDERS WEBINAR SERIES

## Frederick VMC Club



**IMC Club meets:** third Monday of each month, 7:00 p.m.

**Location:** Chapter 524 Aviation Education Center/Hangar, Frederick Municipal Airport

EAA 524's VMC Club is primarily oriented toward VFR pilots of all experience levels and has been a huge success!

The VMC Club meets on the third Monday of each month, the day before the IMC Club meets. The VMC Club offers monthly meetings in which pilots can network and share knowledge and experience. The meetings use real-world scenarios to engage members, and allow a free exchange of information that improves awareness and skills.

The VMC Club is meeting in person at the hangar and offering hybrid opinions using Zoom.

More information about the club and its mission can be found on our website at <https://chapters.eaa.org/ea524/vmc-club>

## Frederick IMC Club



**IMC Club meets:** third Tuesday of each month, 7:00 p.m.

**Location:** Chapter 524 Aviation Education Center/Hangar, Frederick Municipal Airport

Interested in learning more about IFR flying? Scenario-based discussions are available here.

A community of pilots willing to share information, provide recognition, foster communications, promote safety, and build proficiency in instrument flying. IMC Club chapters offer monthly meetings in which pilots can network and share knowledge and experiences. Now meeting in person at the hangar. Drop by and share in the knowledge.

More information about the club and its mission can be found on our website at <https://chapters.eaa.org/ea524/imc-club>

## FAA Wings Program

WINGS PROGRAM 2019

WINGS EFFECTIVENESS REPORT 2011

WINGS FLIGHT INSTRUCTOR GUIDE 2018

WINGS ADVISORY CIRCULAR 2011

**Clear skies, safe travel, be happy  
and see you all soon!**

## Chapter Meeting Location & Time

**Chapter 524 meets:** first Thursday each month, 7:00 p.m.

**Location:** Chapter 524 Education Center/Hangar, Frederick Municipal Airport



As you enter the airport, park in the Terminal Parking lot. Walk south past the Frederick Flight School (yellow building). There are signs on the end of the second row of hangars for the Chapter. Additional information can be found on the Chapter website: <https://chapters.eaa.org/ea524>

Frederick Municipal Airport,  
330 Aviation Way, Suite J, Box #9  
Frederick, Maryland 21701

## EAA 524 Chapter Website

The EAA Chapter 524 website: <https://chapters.eaa.org/ea524>

The website has contact information and details about current Chapter events.

Also on the website, you can find archived newsletters and a membership join/renewal form.

### Chapter Facebook Page

You can find us on Facebook at [www.facebook.com/EAA524](http://www.facebook.com/EAA524)



## **EAA Chapter 524 Membership Application**

Annual dues are \$30 for individual or family membership. Fill out this form and return it with your dues to the Chapter Treasurer.

Cash or check accepted. Make check payable to **EAA Chapter 524**. Bring the form and dues to the next meeting or mail to **Ernest O'Roark, 809 London Court, Frederick, MD 21701**.

If you have a question about your membership, contact the Treasurer at 301-694-0053 or cadfael1@aol.com. These dues help support the Chapter and are not applied to the national organization.

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### I. Registration Information (Print please)

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Member Status: New \_\_\_\_ Renewal: \_\_\_\_\_ No Changes: \_\_\_\_\_

Membership Type: Individual (\$30.00) \_\_\_\_\_ Family (\$30.00) \_\_\_\_\_

Other name(s) if Family Membership \_\_\_\_\_

EAA Membership Number \_\_\_\_\_ Member Since: \_\_\_\_\_

Phone Number (H) \_\_\_\_\_ (C) \_\_\_\_\_ (W) \_\_\_\_\_

Address \_\_\_\_\_

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

E-mail Address (for receiving notices & newsletter) \_\_\_\_\_

Aircraft/Projects/Interests \_\_\_\_\_

---

### II. For Official Use Only

Status: New \_\_\_\_ Renewal \_\_\_\_ Individual: \_\_\_\_ Family: \_\_\_\_

Dues Paid: Check \_\_\_\_ Number \_\_\_\_\_ Cash \_\_\_\_ Amount \$ \_\_\_\_\_

Date Received \_\_\_\_/\_\_\_\_/\_\_\_\_ Fiscal Year (Jan. – Dec.) 20 \_\_\_\_

Treasurer's Initials \_\_\_\_\_ Roster updated \_\_\_\_/\_\_\_\_/\_\_\_\_ Deposited \_\_\_\_/\_\_\_\_/\_\_\_\_

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----- Cut here. Keep Section III for your records -----

### III. Member's Receipt for EAA Chapter 524 Dues

Date paid \_\_\_\_/\_\_\_\_/\_\_\_\_ Dues paid for fiscal year 20\_\_\_\_

Renewal – Individual/Family Membership Dues: \$30.00\_\_\_\_\_

New – Individual/Family Membership Dues: \$30.00\_\_\_\_\_