



The Frederick Flyer



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President's Message

Have you read 'Flight of Passage' by Rinker Buck? If you haven't, I strongly recommend it. As a teenager, Ricker and his brother fly an early Piper Cub from their home in New Jersey to California and back. Early in the book, they talk about how every year the weekend after Thanksgiving, his dad would pull a plane into the family barn and spend all winter restoring it. Riker did the same work with the Piper Cub that in the spring he would fly coast to coast. He does a great job of describing the work in a not-technical way.

As we wind down the year, I want to thank everyone that help the Chapter. If you are reading this newsletter, that means you. Despite challenges, we kept the IMC and VMC groups going, and Larry and Tom are taking a well deserved rest this month; the RV10 moved out of the chapter hangar early in the summer, and the Zenith 750 moved in (it's amazing how much work has happened on the 750 in a few months); just a month ago, Chapter members and friends (... potential members), flew 30 Young Eagles; and a round of applause for our Ray Aviation Scholar Dimitri for his recent solo!

A good year.

Most of all though, I hope that you have a project in the barn that you can tinker on during this winter, and that you can grab a family member or two to work on it with you. The pride and satisfaction of using your mind and hands to create something (especially something that flies!) should be shared. I hope you will share your projects with the Chapter and let us help you create something wonderful.

Take care everyone!

Chris
President
EAA Chapter 524



Blast from the past . . .
Picnic at the hangar . . . 2014





Meeting Minutes

02 Dec 2021

Meeting called to order at 7:02 p.m. by Chris Gunther

- ◆ Chris Gunther said there was a great turnout for the Young Eagles/Sea Cadets event. Thank you to everyone who helped out. Mark Pankratz said 8 airplanes showed up to fly the group of Cadets.
- ◆ Dues are due for 2022. \$30 for the year. See Ernie.
- ◆ There are 2 matching grants with the Veterans Build and the Tangier Holly Run.
- ◆ The Holly Run is Saturday, December 4. Steve Gross recommends everyone visit the island if they haven't already. Fly to Bay Bridge and eat a pancake breakfast supported by Chesapeake Sport Pilot and Van's Aircraft, then head 70 miles down the Chesapeake Bay to Tangier. There's a church service, and you can walk around the island. Donations can be made at hollyrun.com.
- ◆ Capt. Bill Cameron USN(R) spoke to us about Western Pacific Strike Group Ops.
- ◆ 50/50 was \$90; \$45 to Pam Dickinson and \$45 to the scholarship fund.

Meeting adjourned at 8:28 p.m.

Submitted,
Erick Webb, Secretary

Board Meeting Minutes

09 Dec 2021

Board Meeting

Chris Gunther, Mark Pankratz, Larry Jarkey, Mary Ann Alvarado, Tom Comeau, Ernie O'Roark, Erick Webb

Brought to order at 7:06 p.m. by Chris Gunther

- ◆ It's been a good year despite some of the hardships related to COVID-19. The first part of the year was Zoom meetings, we started the Veterans Build, and had a successful Young Eagles Rally in November. We would like to be able to start hosting Sport Air Workshops and/or the Trimotor, so Mark Pankratz will call EAA National and check to see if we can do that.
- ◆ Tom is considering VMC Club going back to virtual because he is time-limited and thinks he will get more attendance that way but will still do ad hoc in-person meetings.
- ◆ VMC and IMC Clubs will not meet in December.
- ◆ Ernie spoke with Dean. Dimitry is supposed to solo tomorrow afternoon at 3 p.m., so Ernie will take photos.
- ◆ Dean is suggesting we should apply for another scholarship. The board is in agreement.
- ◆ Martyn King has the Turbulent at Grass Patch (VA62) and the owner would like to have the Chapter visit for a fly-in or picnic. More to come on this subject!
- ◆ We will plan for a picnic in April in lieu of a banquet due to concerns over COVID-19.

Meeting adjourned 7:42 p.m.

Submitted,
Erick Webb, Secretary



Ray Aviation Scholar – Solo Flight



The Frederick Flyer

2021 December 10

Dimitry Madsen performed his solo flight amid a small crowd of family and friends; personal PAPARAZZI!

The winter weather cooperated with calm air and good visibility. After a couple of preliminary runs with his flight instructor, he was cleared to solo. Two solo runs, with beautiful landings, were completed before the sun set.

Congratulations, Dimitry Madsen, 2021 Ray Aviation Scholar!



December 2021 Meeting



Western Pacific Strike Group Ops





Happy Holidays, Air and Space Style

At the National Air and Space Museum, we hope your holidays are out of this world.

To help you celebrate, we've put together this list of holiday history and activities to add a celestial-spin to your December.

click on the title and follow the link

- Christmas
- New Year's Eve
- Hands On Activities
- Hanukkah
- Winter Solstice

EAA's The Green Dot - Mike Patey

Dec 16, 2021 ". . . EAA Mike Patey, EAA 1118534 . . . talk about his latest custom-built airplane, Scrappy, which is profiled in an exclusive feature story available only to EAA members in the upcoming January 2022 issue of EAA Sport Aviation magazine. Appropriately named, this airplane was built for high payload, endurance, and adventure. Tune in to listen to Mike talk about what went into this one-of-a-kind custom build project."



click on the title and follow the link



2021 Young Eagle Rally Pilots




Pilot Ernest O'Roark
1946 J-3 Piper Cub




Pilot Gil Hamilton
Cessna 177RG



Pilot Tom Saxon
Cessna 177RG



Pilot Robert Miller
Zodiac CH 601




Pilot Jim Thill
Van's RV 8



Pilot Drew Myers
Van's RV 12




Pilot Neil Dickinson
Van's RV 8A




Pilot Mark Pankratz
Van's RV 7A



2021 November 14

It's a special kind of hero that takes personal time and resources to mentor youths; introducing them to the world of aviation and opportunities they never considered.

Thank you gentlemen for supporting an event that inspires, empowers and impacts today's youth, tomorrow's leaders.



2021 Young Eagle Rally Participants



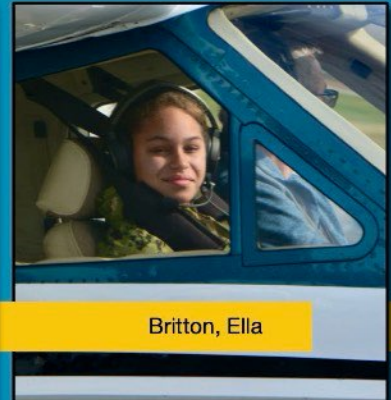
Reeves, Miriam



Vo, Leyna



Durante, Caleb



Britton, Ella



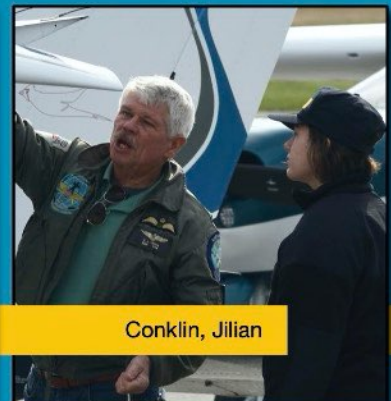
Christensen, Travis



Brown, Gavin



Franzen, Nicholas



Conklin, Jillian



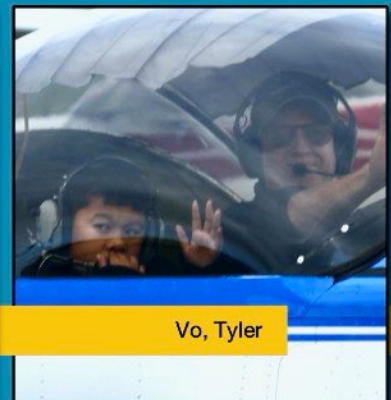
OLeary, Austin



Arias Ferman, Yosselin



Torres, Sherlyn



Vo, Tyler



Fleischer, Elijah



Stambaugh, Dylan



Ridgeway, Emily



Cosgrove, Ryan



2021 Young Eagle Rally Participants



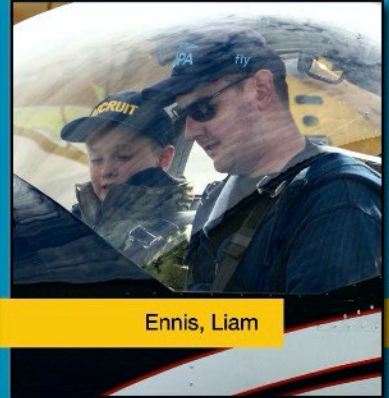
Fleischer, Sarah



Swerda, Margaret



Gobs, Joseph



Ennis, Liam



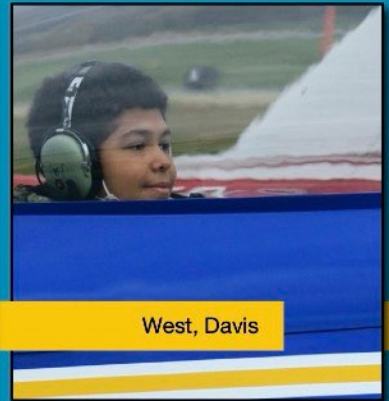
Reisig, Dylan



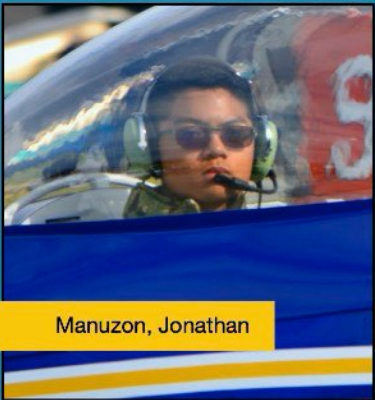
Holt, Elizabeth



O'Leary, Thomas



West, Davis



Manuzon, Jonathan



Castro, Andrew



Castro, Gabe



Thompson, Tyler



Event Coordinator Fleischer, Shannon



Eagle Flight - HM3 Smith



Club Bulletin Board

EAA 524 VMC Club

The VMC Club is returning to virtual meetings starting in January, once again using Zoom. We will have occasional in-person meetings for demos or special events.

The VMC Club monthly programming is developed and produced by EAA, but it does not use a lecture or presentation format. Instead, an actual scenario is presented and is followed by a group discussion - so audience participation is essential! Since everyone has a different experience level and different airplane capabilities, we can all benefit from the discussion.

Please pencil in January 17th at 7:00pm, and watch for announcements from FAASafety.gov in the New Year!

NEXT REGULAR MEETING **JANUARY 6, 2022**

SPEAKER: COL. BUZ CARPENTER

"FLYING THE BLACKBIRD"

Alright Dean, and the rest of you speed freaks! You won't want to miss our next topic...Buz will go over what it was like to fly one of the fastest aircraft ever developed. Come learn about this fascinating marvel of engineering

Aviation News

EAA Homebuilders Week

"Join us on January 24-28, 2022, during the second-annual EAA Homebuilders Week online event. Experts from every corner of the homebuilt aircraft community will bring their knowledge and information to builders everywhere through free and interactive webinars. Topics covered include workshops on sheet metal, welding, and wood' aircraft designs from a variety of industry leaders' part select when building' buying secondhand and more."

click on the title and follow the link

Back to the Backcountry

December 16, 2021

by General Aviation News Staff

Now available online is the recording of a Nov. 18, 2021, webinar presented by the Aircraft Owners and Pilots Association Air Safety Institute, "Back to the Backcountry: 2021 in review."

Part of the Air Safety Institute's Backcountry Safety Initiative, the free webinar took a look at recent backcountry flight accidents in the effort to avoid them in the future. . .

click on the title and follow the link

State of the Industry Podcast: Where Aerospace is Headed in 2022

December 14, 2021

by Aviation Week Network

Listen in as Scott Thompson, PwC's Global Aerospace and Defense Leader, delves into key drivers in commercial aviation, defense, and space.

click on the title and follow the link

Vintage News

MOTION PICTURES

BENTLEY BR2 ENGINE BUILD TIMELAPSE



Bentley BR2 Engine Build Timelapse

[READ MORE](#)

BENTLEY BR2 ENGINE TIMELAPSE



SE.5A IN FLIGHT



Read the full report on flying the SE5a

[READ MORE](#)

FE.2B FLYING AT MASTERTON



Video of this incredible craft in action.

[READ MORE](#)

RAF4A ENGINE IN ACTION



A video displaying the RF4a engine being tested.

[READ MORE](#)

BEARDMORE ENGINE RUNNING



Original Beardmore 160 comes to life

[READ MORE](#)

FILM OF ROTARY ENGINE WORKINGS



Detail of the rotary pistons mechanism in the Oberursel Engine.

[READ MORE](#)

OBERURSEL ENGINE RUNNING



Oberursel UR.2 The First WW1 production engine in 90 years!

[READ MORE](#)

For all you vintage aircraft enthusiasts . . .

The Vintage Aviation Ltd. is a New Zealand civil aviation approved aircraft restoration and manufacturing company. You might enjoy perusing the website and investigate their short motion pictures!

The Vintage Aviator



Upcoming Events

Chapter Meetings

Meeting date & time: January 6, 2022; 7 pm

Presentation: Capt. Bill Cameron USN(R), "Western Pacific Strike Group Ops."

Board Zoom Meeting: January 13, 2022; 7 pm.

VMC Club Meeting: Jan 17, 2022 at 7 pm; Feb 21, 2022 at 7 pm

Happy Martin Luther King Day and President's Day

Meetings will begin again via ZOOM video conferencing. Special hands on event meetings will held at the hangar and announce ahead of time. Stay tuned for more information.

Visit [Event Calendar page](#).

IMC Club Meeting: Jan 18, 2022 at 7 pm; Feb 15, 2022 at 7 pm

Meetings will continue via ZOOM video conferencing until further notice. For up to the minute clarification on meeting status, visit [Event Calendar page](#).

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
December	Capt. Bill Cameron USN(R), "Western Pacific Strike Group Ops."
January	Col Buz Carpenter, "Flying the Blackbird"
February	TBD

CHAPTER OFFICERS

- ★ **President**
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EAA524.President@gmail.com
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Mark Pankratz
mlp07@live.com
- ★ **Secretary**
Erick Webb
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- ★ **Treasurer**
Ernie O'Roark
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Fly-In/Events of Interest



The Glenn L. Martin Maryland Aviation Museum

A family activity for the aviator in all of us or the perfect gift for your aspiring STEM student to learn about some of the basic aircraft designs. The Glenn L. Martin Maryland Aviation Museum has assembled a box of materials for purchase containing:

- Five metal In Air Diecast model aircraft (approximately 3.5" X 4.5") - Wright 1903 Flyer, Curtiss Jenny, A-10 Thunderbolt II, SR-71 Blackbird, AH-64 Apache Helicopter - to introduce children (grades three and up) to some of the basic designs – biplanes, tail draggers, tricycle landing gear, jets, and helicopters.
- An information document and a quiz for each aircraft
- Supplemental activities
- The Glenn L. Martin Airplane Review Coloring Book
- An optional evaluation form, which will entitle you to a free visit to the museum for a family of four.

[Web Link](#)

The cost of the design box is \$40.00, which includes shipping and handling via USPS. (Please note: You may save \$15.00 - the cost of shipping - by visiting the museum to purchase the box.)

You may order an Aircraft Design Box by:

- filling out the [Contact Us form below in the blue area](#) and hit the **Donate** button, also in the **blue area**, to use PayPal or Debit/Charge card **or**
- sending your purchase request with a check or money order for \$40.00 payable to **GLMMAM** and mail to the **GLMMAM Education Dept., PO Box 5024, Middle River, MD 21220**.

For more information call The Glenn L. Martin Maryland Aviation Museum, 410-682-6122, or send an email to martinmuseum@gmail.com.

Ensign Dean R. Van Kirk Aviation Heritage Museum

December 16, 2021

RESERVATIONS ARE REQUESTED: 423 803-7423

Frederick Municipal Airport, KFDK, Hangar D-1 and C-12

Ensign Dean R. Van Kirk Aviation Heritage Museum.

click on the title and follow the link

[Web Link](#)

Event by Schultz Airshows and Roar By The Shore Air & Space Expo

Roar By The Shore Air & Space Expo

Duration: 1 day

Public - Anyone on or off Facebook

[Facebook Link](#)

A new Air Show is coming to South Padre Island, TX on 27-28 August 2022 and we are bringing the Sounds of Freedom with the USAF F-22 Raptor Demonstration Team headlining this year's inaugural event!

More information on additional performers will be posted in late January 2022. Look for historical aircraft flybys and demonstrations as well as demonstrations by Randy Ball in his MiG-17, Jerry Conley in his DH-115 Vampire, and World Unlimited Aerobatic Champion Rob Holland in his MXS.

Airshow will be along the beautiful South Padre Island Beachfront each afternoon. **See less**



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.

- 01/05/22 Bally Alternator**
- 01/12/22 Ground Reference Maneuvers - Practicing Precision Patterns*
- 01/18/22 Young Eagles Coordinator Orientation
- 01/20/22 Become a Better Chapter Leader - Presidents/Vice Presidents 2022
- 01/24-28/22 EAA HOMEBUILDERS WEEK - 11:30am - 8:15pm daily

- * 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

With the success of the IMC Club, EAA 524 is now forming a VMC Club, oriented toward primarily VFR pilots of all experience levels.

The VMC Club will meet 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 returning to virtual meetings starting in January, once again using Zoom. We will have occasional in-person meetings for demos or special events.

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.

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/EA524



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.

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 ____/____/____

----- 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_____