



# The Frederick Flyer

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### President's Message

Hello Everyone,

'Hope'. One of my neighbors has the word spelled out in red Christmas lights in their backyard. I associate Hope normally with this time of year with the religious holidays and even in New Years resolutions. Hope is believing that the future will be better than the present and resent past. I think Hope is even more appropriate this year given the challenges and sacrifices of dealing with the COVID-19 pandemic. While we have not been able to gather like we would like to chat and tell tall tales of aircraft we are building, have built, or flown, I am hopeful and optimistic that 2021 we be a better year for our chapter and the world. The winter will still be rough, but we have at least three vaccines that look promising in combating the virus. I think there is a light at the end of the tunnel and I am looking forward to a summer filled with fly-ins.

One thing specifically aviation related in our area that I recently hear about and hope that comes to fruition is possible hangar space at Davis Airport, a little southeast of Frederick. Davis Airport has plans to build several hangars on site starting this spring. I do not have details, but you can find out more information on their website. If this is something you would be interested in, please let the airport management know.

Until such time as we can gather together in person, please join us in our IMC, VMC, and chapter gatherings. Share with your fellow chapter members, through this newsletter, projects you are working on or flights you have completed. As always, if you need something, please let myself or one of the board members know.

I wish you all a Happy Holidays and Joyous New Year!

Take care everyone,

Chris

President

EAA Chapter 524



### Blast from the past . . December 2019





## Share the Gift of EAA

### A Challenge to Members to Share the Gift of EAA

By: David Leiting, EAA Lifetime 579157  
Vice President of EAA Chapter 252  
EAA Membership Development Manager

The past 10 months have flipped the world upside down for many of us, but they have also allowed us to spend more time focusing on our families and our passions. For all of us, the shared passion is aviation. It is what brought us together, and has been the one constant we can look to when the days get rough.

The flying club I am a member of shut down operations for 90 days as we evaluated how we could safely operate amongst the COVID-19 pandemic. It pained me to stay out of the cockpit for more than three months. This was the first time since I passed my private pilot check ride that I was out of my 90-day currency! Additionally, my local EAA chapter put all of our events on hold. Although we were able to conduct virtual gatherings and board meetings, it wasn't the same as our usual in-person events.

This lack of aviation activity caused me to reflect on my passion for aviation, and remind myself how easy it is to take for granted the aviation opportunities afforded by EAA. Like many of you, much of what I use to fuel my passion for aviation has come from EAA. EAA AirVenture Oshkosh, my Young Eagles flight, the relationships built through my local chapters, and the educational opportunities. Without EAA, I am not quite sure where I would find myself on my aviation journey.

One of the great pillars of EAA is the opportunity to give back, and pass the torch to future members. Perhaps you have given a

Young Eagles flight that led to a career aviator, or lent a helping hand to a friend building their own aircraft. There is also a great chance that you have benefited from the generosity of a fellow EAAer. It is the lifeblood of our organization!

We all remember our mentor who introduced us to aviation and are forever grateful for the gift they gave us. That mentor may still be a close friend of yours within your EAA chapter. EAA is now asking you to join us in helping to preserve the legacy of EAA Founder Paul Poberezny, and of all our past and current members, by gifting an EAA membership to someone you feel will continue to carry on EAA's mission within The Spirit of Aviation.

It is EAA members such as yourself that can bring aboard the next generation of members. Your involvement in your local chapter is even a greater reason to introduce them to EAA. Chapter members are the most engaged and passionate members you'll find within EAA. There is no better group than a local chapter to welcome a newcomer to EAA.

**Once you identify whom you'd like to sponsor, simply visit [www.EAA.org/Legacy](http://www.EAA.org/Legacy) to register EAA's newest member.** After you gift this membership, invite the individual to your chapter, and show them the opportunities and community that exist in their own backyard. By gifting a membership and becoming a Legacy sponsor, you will receive a

Legacy sponsor pin and patch.

EAA cannot thank you enough for your continued support of the organization, and especially of your local chapter. Chapters are the lifeblood of EAA, and without them the impact of EAA would be fraction of what it is today. Enjoy your holiday season, and we hope to see you in Oshkosh this July!



## Super Rare "Christmas Star"



Photo: Stock Photos from RealCG Animation Studio/Shutterstock

### Jupiter and Saturn Will Align to Create the First Super Rare "Christmas Star" in 800 Years

... This year, from December 16 to 25, the gas giants Jupiter and Saturn will form a conjunction—meaning they will appear closer to each other than the diameter of a full moon.

This "great conjunction" between the enormous planets will peak on December 21 when the celestial bodies will be the closest they have been in almost 800 years. Their proximity will cause one super-bright point of light that's referred to as "Star of Bethlehem" or a "Christmas Star."

The conjunction of Jupiter and Saturn is possible to view from many locations. The best views of the phenomenon will be from the equator, but viewers in places such as New York and London can expect to find the sight through their telescopes if the weather is

clear. The conjunction will only be visible around sunset and for about an hour afterwards. "The further north a viewer is, the less time they'll have to catch a glimpse of the conjunction before the planets sink below the horizon," Hartigan says. Astronomy enthusiasts in the United States who hope to catch a glimpse should peer westward through their telescopes just after sunset.

To learn more about your best view of the skies, check out the interactive website [Stellarium](http://Stellarium). If you are unable to catch sight of this conjunction, mark your calendars for March 15, 2080 – the next date for such a close Jupiter and Saturn conjunction.



Photo: Stock Photos from SN VFX/Shutterstock

**Between December 16 and 25, Jupiter and Saturn will form a close conjunction in space, making them the closest they have been in the last 800 years.**

Follow the hyperlinks for the full article and more information.



# Oshkosh News

## EAA Mourns Death of Gen. Chuck Yeager

**December 8, 2020** - EAA is mourning the death of Brig. Gen. Chuck Yeager, one of America's preeminent aviators who also supported EAA in a variety of ways over a 30-year period. [Yeager died Monday evening in California at age 97.](#)

Gen. Yeager, EAA Lifetime 258188, was best known as the first man to fly faster than the speed of sound when he flew the Bell X-1 at Mach 1 in October 1947. He also had a decorated military career as an Army Air Forces ace in World War II and flew combat missions in the Korean and Vietnam Wars prior to retiring from the military in 1975.

To EAA members, however, Yeager's influence was most noticeable in two areas: As the second chairman of EAA's Young Eagles program for a decade, and for his regular appearances at EAA AirVenture Oshkosh over a 30-year period.

"Chuck Yeager's aviation accomplishments are well documented and legendary," said Jack J. Pelton, EAA's CEO and Chairman of the Board. "His personal support of EAA and its programs helped take them to new levels, and thousands of people had the opportunity to meet and hear him when he was at Oshkosh. We will remember Gen. Yeager for those generous commitments of his time to EAA, along with his immortal aviation achievements."

Yeager became the second chairman of the Young Eagles program in 1994, succeeding the late Cliff Robertson. Yeager was an active chairman, regularly

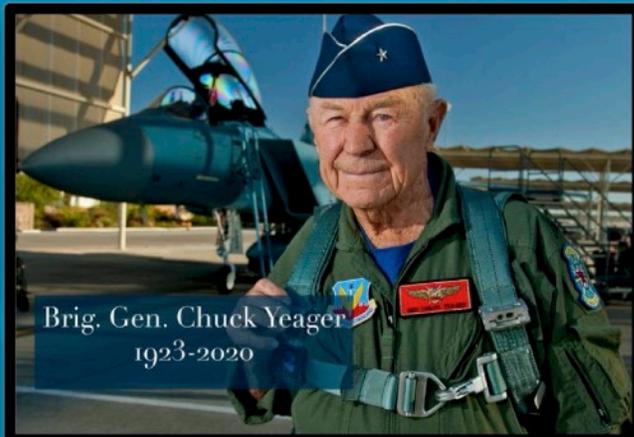


flying Young Eagles including at Oshkosh. He also used his visibility to promote Young Eagles and youth involvement in aviation. He personally flew more than 250 Young Eagles during his time as the program's chairman. He also flew the 1 millionth Young Eagle, Illinois resident Andrew Grant, on an honorary flight in early 2004 as a tribute to the volunteers who reached the goal of flying 1 million Young Eagles by the centennial of powered flight commemorated at EAA's Countdown to Kitty Hawk program in North Carolina in December 2003. In September 2004, Yeager turned the chairman reins over to actor and pilot Harrison Ford.

Yeager was also a frequent visitor and presenter at EAA AirVenture Oshkosh, both at Theater in the Woods and in the Warbirds area. One notable presentation was a reunion with his 357th Fighter Group at the 1992 EAA fly-in convention that included Yeager and fellow WWII ace Bud Anderson. At Oshkosh he also had the regular opportunity to reunite with his wingman from the 1947 supersonic flight, legendary pilot Bob Hoover.

EAA recognized Yeager's commitment to the organization by presenting him with EAA's highest honor, the Freedom of Flight Award, in 1995.

"Much will be spoken and written of Gen. Yeager's aviation exploits in honor of his passing, and deservedly so," Pelton said. "To us, he was all of that, but we will also remember him as a fellow EAA member who gave greatly of his time and talent to encourage and promote aviation, and motivate his fellow EAA members to join him as well."





# RV-10 Progress Report



The RV 10 is really beginning to take shape. Steve and Bob continue as the core build team. Josh, Richard, Raegan and Ray have dropped in to provide additional intermittent help.

The cabin top has been the main focus this month; sanding, smoothing, sanding, smoothing, cutting, smoothing, sanding, repeat. Other tasks included cutting doors and installing the overhead console. The new engine is in and Bob's reaction is similar to engineer Montgomery Scott's of the new Star Trek movies; "She's one well endowed lady (the Enterprise). I'd like to get my hands on her ample nacelles, if you'd pardon the engineering parlance."

As always, grab a mask and come join in the fun. There is always something to do and more to learn. Keep up to date on the [MeetUp App](#) or go to the Event Calendar on the [EAA Chapter 524](#) website.

Hope to see you there when next they meet.





03 December 2020  
Meeting called to order at 7:02 p.m. by Ed Kollin

## Chapter Meeting . . . just a few highlights!

|  |   |  |  |
|--|---|--|--|
| <h3>AIRCRAFT ENGINE LUBRICATION</h3> <p>EAA Chapter 524 12-3-20<br/>TEXT Questions to 908-337-9696</p> <p>Edward Kollin<br/>Technical Director, ASL</p>   | <h3>Why Do You Change Your Engine Oil</h3> <ul style="list-style-type: none"> <li>Does the oil wear out?             <ul style="list-style-type: none"> <li>Additive consumption</li> </ul> </li> <li>Does it break down?             <ul style="list-style-type: none"> <li>Basestock oxidation (thicken) &amp; polymer shearing (thinning)</li> </ul> </li> <li>Does it get contaminated?             <ul style="list-style-type: none"> <li>Blow-by&gt;&gt; Deposits, Corrosion and Wear</li> <li>Dirt&gt;&gt; Wear</li> </ul> </li> </ul> | <h3>How Often Should We Change Oil?</h3> <ul style="list-style-type: none"> <li>Cars - 3,000, 7,500, 10,000miles?</li> <li>Aircraft - 25, 50, 100 hours?</li> <li>25 hours Aircraft = 3000 miles (older) Car</li> <li>The Key – Design Clearances             <ul style="list-style-type: none"> <li>Water-cooled vs Air-cooled</li> </ul> </li> </ul>   | <h3>Aircraft Engine Problems</h3> <ul style="list-style-type: none"> <li>Deposits             <ul style="list-style-type: none"> <li>Varnish films&gt;&gt;carbon films</li> <li>Ring and valve sticking</li> <li>Reduced heat transfer</li> <li>Sludge</li> </ul> </li> <li>Corrosion             <ul style="list-style-type: none"> <li>Water and acids</li> <li>Pitting and spalling</li> </ul> </li> </ul>  |
| <h3>Root of BOTH Problems</h3> <p>Combustion “Blow-by”</p> <ul style="list-style-type: none"> <li>Aircraft Engines are “Contamination Limited”             <ul style="list-style-type: none"> <li>Fuel – “Reactive Varnish Precursors”</li> <li>Water – Combustion of hydrocarbons produces steam</li> <li>Heat</li> <li>Lead bromide particles</li> </ul> </li> </ul> | <h3>PROBLEM – Corrosion</h3> <ul style="list-style-type: none"> <li>Average Use &lt;100 hours/year             <ul style="list-style-type: none"> <li>Time Siting &gt;8660 hours/year</li> <li>Used oil IS corrosive</li> </ul> </li> </ul>  <p>ADVANCED ENGINE OIL SUPPLEMENT</p>   | <h3>How do Inhibitors Combat Corrosion</h3> <p>CamGuard Chemistry Video #1<br/><b>Rust Inhibitor Molecules</b><br/><i>The Sentinels of Steel</i></p> <p>Rust is the single greatest threat to the life of general aviation aircraft engines. However, you can proactively protect your investment with CamGuard added to the aircraft oil. Let's look at how CamGuard's inhibitor chemistry works to prevent rust on critical steel engine components, such as the camshaft and lifters.</p> | <h3>SUMMARY</h3> <ul style="list-style-type: none"> <li>CamGuard – First real alternative to commercial oils</li> <li>CamGuard demonstrates new standards for levels of cleanliness and rust protection</li> <li>Complete package demonstrates multiple benefits             <ul style="list-style-type: none"> <li>Deposit control</li> <li>Corrosion prevention (pitting)</li> <li>Wear reduction</li> <li>Seal conditioning</li> </ul> </li> </ul> <p>Meeting adjourned at 7:56 p.m.<br/>Submitted, Erick Webb, Secretary</p> |

## Chapter Board Meeting

17 December 2020

Board Meeting

Chris Gunther, Mark Pankratz, Larry Jarkey, Rex Bullinger, Tom Comeau, Mary Ann Alvarado, Erick Webb

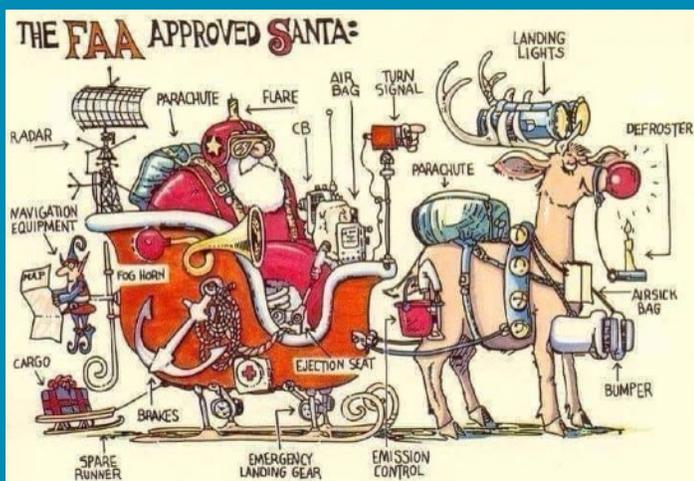
Brought to order at 7:10 p.m. by Chris Gunther

- There are 2 levels of the Ray Aviation Scholarship that the Chapter can offer. One is where the Chapter puts up \$5,000 and EAA matches. The 2nd is where EAA pays the full \$10,000 through the Ray Foundation. We have to submit the application in January and the Chapter would prefer to apply for the full \$10,000 scholarship.
- Doug Kelly sadly passed away and was mentioned in the Sport Aviation “Gone West” section. He passed September 17, 2020. His [obituary](https://www.tributearchive.com/obituaries/18376187/Douglas-Elliott-Kelly/Gaithersburg/Maryland/Thibadeau-Mortuary-Service-pa) can be found here: <https://www.tributearchive.com/obituaries/18376187/Douglas-Elliott-Kelly/Gaithersburg/Maryland/Thibadeau-Mortuary-Service-pa>
- Mark Pankratz - January speaker is Philip Polstra and will talk about the Zenith, share some CFI stories, etc.
- Chris will work with Ernie and renew the Chapter for 2021.
- Mark P. - Veteran's Build. Steve Gross reported the RV-10 is coming along well and by February or March, it'll be out of the hangar. If we haven't started ordering the Zenith 750, we should probably order it now because there's been some delay in shipping those kits.
- Rex sent an email to Mark Forss wishing him well and that we're still anxious to resume SportAir Workshops once Covid goes away.

Meeting adjourned 7:27 p.m.

Submitted, Erick Webb, Secretary

## Vintage News



The Frederick Flyer

Here is a Santa toy option. If you want to see it on a shelf for purchase, you'll have to add your voice to make it a reality. Follow the link and make a comment.

### PIPER J-3 CUB 1946

Piper Cub enthusiasts, check this out! It needs additional support before it will be considered for sale as a kit, but with enough backing it could become a reality!

[https://ideas.lego.com/.../967c5669-e674.../comments\\_tab...](https://ideas.lego.com/.../967c5669-e674.../comments_tab...)





## Club Bulletin Board



### Webb Wedding

Everyone welcome Kayla to our EAA Chapter 524 community.

**Congratulations**  
**Erick and Kayla Webb**  
**November 07,2020**

### IMC Club

There was an all time attendance record of 44 at the EAA524 ZOOM IMC Club Meeting last night! We had great participation. Many questions were asked about the presented materials and scenario which created a great atmosphere for an interactive discussion. We covered Covid-19 and the FAA's take on the vaccination, ATC communication, circling instrument approaches and a scenario about an inadvertent flight into icing and loosing aircraft control.

In conjunction with Community Aviation and "in home" simulator training (spin off of the Spirit of Aviation Week Remote Training), we are moving forward with helping the pilot community stay engaged through remote training. [Community Aviation Experts](#) is just getting stated!

We're on the EAA Events calendar. (<https://chapters.eaa.org/ea524/event-calendar>)

## EAA's Memorial Banquet

December 10, 2020 - [EAA Wright Brothers Memorial Banquet](#) was in HUGE demand. Luckily, you can still tune in and enjoy a slice of history. Log into your EAA account, watch or listen to Captain Jim Lovell as he reviews his life of service, challenges and accomplishments. These are the excerpts from EAA's website. The video is on the same page, just click on the play button on the lower left corner.

Okay, Houston we've had a problem here...

The demand for our virtual Wright Brothers Memorial Banquet presentation overwhelmed our website. We knew it would be popular, and we thought our servers were up to the task, but we clearly miscalculated.

We're so sorry to have disappointed so many of you, and so grateful for your patience as our team worked to troubleshoot and overcome the problems with the site.

We're pleased to be able make the presentation available now on demand, and, to try to make up for it, we'll release an updated version next week that features a wealth of bonus content celebrating our aerospace history, including exclusive interviews with Apollo notables like astronaut Frank Borman and legendary flight director Gene Kranz.



Captain James Lovell, EAA 320945, was born in 1928 in Cleveland, Ohio, but grew up in Milwaukee, Wisconsin. Spurred by his childhood interests in rocketry and model aviation, he attended the U.S. Naval Academy and, after graduation in 1952, reported to NAS Pensacola for flight training. After a tour flying McDonnell F2H Banshee fighters off of the USS Shangri-La (CV38), he went to test pilot school at NAS Patuxent River. In 1962 he applied for and was accepted into the second group of U.S. astronauts. The Mercury astronauts were known as the "Original Seven," while Lovell and his peers became the "New Nine."



Lovell's first space mission was as the pilot of Gemini 7, which was commanded by fellow EAA member Frank Borman, EAA Lifetime 300174. They spent a record-breaking two weeks together inside a spacecraft that was described as being the "size of a Volkswagen Bug." Lovell's next mission was as commander of Gemini 12, in which he and Buzz Aldrin worked on extravehicular activities (EVA) and docking.

In December 1968, Lovell flew as the command module pilot alongside Borman and Bill Anders on Apollo 8, orbiting the moon in the first manned launch of the massive Saturn V. Lovell planned to return to the moon in April 1970, as the commander of Apollo 13.

With his crewmates Fred Haise and Jack Swigert (a last-minute replacement for Ken Mattingly, who'd caught the measles), the mission was planned to include a landing in the Fra Mauro Highlands on the lunar surface. Three days into the mission, an explosion severely damaged the spacecraft, and changed history in the process. Working hand-in-hand with mission control, the crew and their earthbound counterparts heroically improvised a brilliant and safe return to Earth. Apollo 13 went down in history as NASA's most successful failure.

Captain Lovell is a proud EAA member and strong supporter of our programs.



## Upcoming Events

### Chapter Meetings

**Zoom Meeting date & time:** January 7, 2021; 7 pm  
Email invitation for ZOOM video conferencing. Link will be sent 5-15 minutes before meeting time. If you don't have a computer, you can dial in with a phone.

**Presentation:** Dr. Philip Polstra. He has experience as a CFI, the Zenith 601, and quite a crash story. You won't want to miss learning from his experiences.

**Board Zoom Meeting:** January 14, 2021; 7pm.

**VMC Club Meeting:** January 18 & Feb 15, 2021; 7 pm Meetings will continue via ZOOM video conferencing until further notice. Visit [Event Calendar page](#).

**IMC Club Meeting:** Jan 19 & Feb 16, 2021; 7 pm Meetings will continue via ZOOM video conferencing until further notice. Visit IMC Club meeting page on [chapter website](#).

### 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.eaatgether.org/>

Go to EAA SportAir Workshops at:

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

### Show Your Love to EAA.

There's only one week left to do your holiday gift shopping, and you do not want to disappoint! When you shop using AmazonSmile to buy for your loved ones, you can also send a little love EAA's way. If you have not found that perfect gift for your copilot and crew, [head to AmazonSmile](#) or activate it in the Amazon shopping app and find the same great Amazon with an added benefit. When you use AmazonSmile, Amazon will donate 0.5 percent of the purchase price to EAA. Simply activate Smile on your account and search for **EAA Aviation Foundation** as your favorite charity.

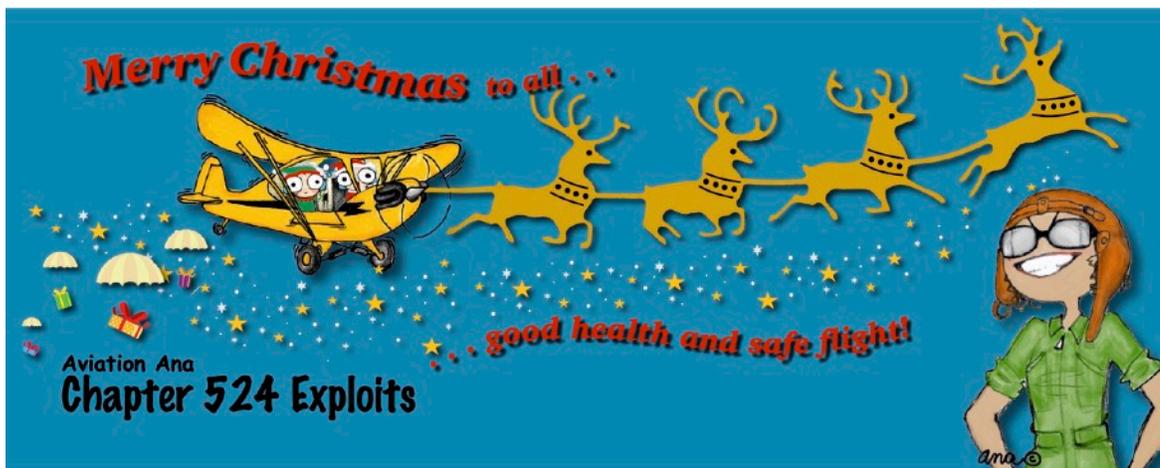
Thank you for supporting our mission to grow participation in aviation and keeping us in your thoughts.

### Chapter Monthly Meeting Program Schedule

| Month         | Program   |
|---------------|---|
| December 2020 | <b>Ed Kollin</b> - "Mr. Guru of aircraft engines and how they work." Join us to learn all about making TBO and aircraft engine lubrication. If you care for some advanced reading, try: <a href="#">How often do you change your oil?</a> |
| January 2021  | Dr. Philip Polstra - He has experience as a CFI, the Zenith 601, and quite a crash story. You won't want to miss learning from his experiences. See you January 7th!  |
| February 2021 |   |
| March 2021    |   |

### CHAPTER OFFICERS

- ★ **President**  
Chris Gunther  
EAA524.President@gmail.com
- ★ **Vice President**  
Mark Pankratz  
mlp07@live.com
- ★ **Secretary**  
Erick Webb  
erickwebb1@gmail.com
- ★ **Treasurer**  
Ernie O'Roark  
cadfael1@aol.com
- ★ **IMC Club Coordinator**  
Larry Jarkey  
cfii@xecu.net
- ★ **VMC Club Coordinator**  
Tom Comeau  
tom.comeau@gmail.com
- ★ **Newsletter & Web Editor**  
Mary Ann Alvarado  
EAA524.News@gmail.com
- ★ **Facebook Editor**  
Erick Webb  
erickwebb1@gmail.com
- ★ **SportAir Workshop Coordinator**  
Rex Bullinger  
rexbull@gmail.com
- ★ **Chapter Historian**  
Joe Halleman  
jmhalleman@comcast.net
- ★ **Chapter Coordinator**  
Mark Gosselin  
n511jg@gmail.com
- ★ **Program Coordinator**  
Mark Pankratz  
mlp07@live.com
- ★ **Young Eagles Coordinator**  
Dean Stickell  
deanstickell@gmail.com
- ★ **EAA Flight Advisors**  
Vacant
- ★ **EAA Technical Counselors**  
Jerry Blake  
GerardLBlake@comcast.net  
Mark Pankratz  
mlp07@live.com





## Area Events of Interest

### EAA Homebuilders Week

#### Learn. Build. Fly.

Join the first EAA Homebuilders Week online event. These live and informative presentations are hosted on our webinar platform, where you can easily attend a session from anywhere, anytime, using a compatible computer or mobile device. Tune in as homebuilding industry leaders explore the entire spectrum of aircraft building.

To view description and register for a presentation, click on the blue subtitle. Registration is required and space is limited. Scheduled time slots are Central Standard time.

#### **Tuesday, January 26, 2021**

- 1 p.m.-2:15 p.m. Building an aAircraft - What You Need To Know
- 2:30 p.m.-3:45 p.m. Sheet Metal Basics
- 4 p.m.-5:15 p.m. Homebuilt Safety
- 5:30 p.m.-6:45 p.m. Composite Construction Basics
- 7 p.m.-8:15 p.m. Kit Selection

#### **Wednesday, January 27, 2021**

- 1 p.m.-2:15 p.m. Panel Planning & Wiring
- 2:30 p.m.-3:45 p.m. Zenith Aircraft Kits & Plans
- 4 p.m.-5:15 p.m. Buying Used Homebuilt
- 5:30 p.m.-6:45 p.m. Garmin Experimental Avionics Solutions
- 7 p.m.-8:15 p.m. Engine Selection Basics

#### **Thursday, January 28, 2021**

- 1 p.m.-2:15 p.m. RANS Aircraft Kits
- 2:30 p.m.-3:45 p.m. Welding Basics
- 4 p.m.-5:15 p.m. Sonex Aircraft
- 5:30 p.m.-6:45 p.m. Dynon & Advanced Flight Systems
- 7 p.m.-8:15 p.m. Van's RV Aircraft Kits

#### **Friday, January 29, 2021**

- 1 p.m.-2:15 p.m. Plans Built Aircraft: The Affordable Option
- 2:30 p.m.-3:45 p.m. Working with Wood 101
- 4 p.m.-5:15 p.m. Liability of Selling Your Homebuilt
- 5:30 p.m.-6:45 p.m. Considerations in Design and Application of the Perfect Pint Scheme
- 7 p.m.-8:15 p.m. Condition Inspections

#### **Saturday, January 30, 2021**

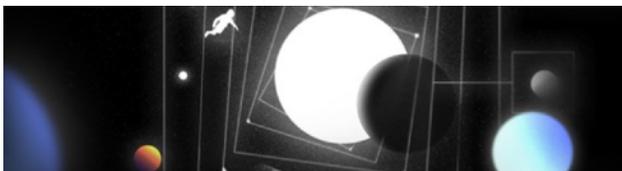
- 1 p.m.-2:15 p.m. FAA Certification Basics
- 2:30 p.m.-3:45 p.m. Fabric Covering Basics
- 4 p.m.-5:15 p.m. Flight Testing Basics
- 5:30 p.m.-6:45 p.m. Velocity Kit Aircraft
- 7 p.m.-8:15 p.m. Engine Break In

### Space Calendar 2020

#### Celestial Events

"NASA missions, SpaceX launches, meteor showers and more.

Every major launch and celestial event as we head into 2021. We're in the final stretch of 2020, and we're all looking forward to saying goodbye to it for good, I'm sure. But as much as we want to bid farewell to 2020, there are still a few events on the science and space calendar that should get you excited. There's a total solar eclipse coming in December, and SpaceX is constantly launching Falcon 9 rockets full of Starlink satellites . . ."



*The Frederick Flyer*

### EAA Career in Aviation

#### Video Series

The EAA Young Eagles Program, in partnership with the ISTAT Foundation grants program, has produced this series of "Careers in Aviation" videos. This series promotes participation in aviation and showcases the variety of careers that are available to those who have a passion for aviation.

Each video focuses on a specific aviation career and highlights a personal story in that field.

Start here to discover some of the career possibilities that will help you get the most out of your interest in aviation. Because the sky has no limits and aviation takes us to places we've only ever dreamed of. Then it pushes us further, to places we could have never imagined.

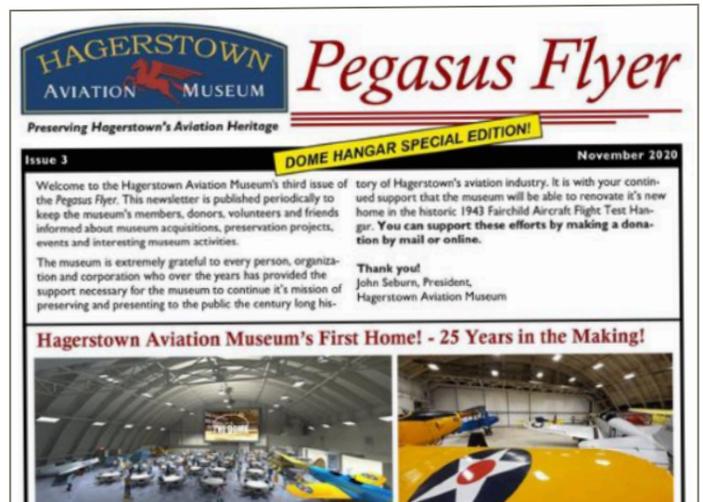
- Jett Blue Manager
- Airline Dispatcher
- Dynamics Test & Analyses Engineer
- Airline Mechanic
- Aviation Attorney
- Aircraft Assembly Technician
- Air Safety Specialist
- Customer Advocate
- 
- Product Development

### Hagerstown Aviation Museum

#### Pegasus Flyer

Check out the museum's new Pegasus Flyer newsletter at: [www.HagerstownAviationMuseum.org](http://www.HagerstownAviationMuseum.org)

Learn more about the new home for the museum and how you can help in the restoration of the historic 1943 Fairchild Aircraft Fight Test Hangar also known as the Dome Hangar.



### Piston 2 Jet

#### General Aviation Test Pilot Course

A totally unique and one-of-a-kind FAA Part 141 Certified Test Pilot Course, taught by an award winning graduate of the United States Navy Test Pilot School with three years of developmental test experience and a member of The Society of Experimental Test Pilots (SETP). Click on the hyperlink for more information.



## 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.

Don't have time for a live Webinar? Log in and browse EAA Video Library, watch at your leisure: <https://eaa.org/Videos/Webinars>

- 01/05/21 The Sonerai Story \*\*\*
- 01/06/21 It's Baffling \*\*
- 01/12/21 Huey: Saving an Icon from the Vietnam War
- 01/13/21 Surviving Carbon Monoxide\*\*
- 01/19/21 The International Aerobatic Club Turns 50 Years Old and Its a Golden Birthday!
- 01/26/21 - 01/30/21 EAA Homebuilders Week\*\*\*
- 02/02/21 Avionics Options for your Homebuilt Aircraft with Dynon \*\*\*
- 02/24/21 Owner in Command: Things I Wish I Knew Before I Knew Them\*\*
- 03/24/21 SNAGGED! Dealing with Defects Safely and Legally\*\*

\* 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.

Because of current restrictions, we will meet via Zoom until we can get back into the Chapter Aviation Education Center. You can register for the inaugural VMC Club Meeting here: <https://bit.ly/3iJEb47>

## 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](#)

**Due to Covid 19 restrictions: we are currently operating meetings using video conferencing until further notice.**

## 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 \_\_\_\_\_

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### 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\_\_\_\_\_