



# The Hagerstown Homebuilder

[chapters.eaa.org/EAA36](http://chapters.eaa.org/EAA36) Hagerstown, MD

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# EAA CHAPTER 36

**February 2022**

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→→→ **Our next general membership meeting will be held February 1st** →→→

## The President's Corner



A month into winter and I'm already anxiously awaiting the arrival of spring. How about you? I have done my fair share of slipping and sliding on the ice, but fortunately I have yet to actually hit the ground from it. Any predictions on *weather* or not the Groundhog will see its shadow?

Over the next few months our 2022 calendar will take shape. This includes Young Eagles and Breakfasts events, monthly feature presentations, Poker Run, YE Workshop and other events that may pop up over the course of the year.

Our banquet is the first big event of the year, coming up in mid-March. It will take place at the Parlor House in Waynesboro, Pa.; but as requested we'll spread the love and explore other venue options for the upcoming years. I am hoping to see many more award nominations in the coming weeks. Remember, the Hale Andrews Award is essentially for the Chapter MVP and the Chapter 36 Award goes to the Runner-Up, or second most deserving Chapter member. We'll establish Sunday, February 13<sup>th</sup> as the deadline for submitting votes to allow time to get the awards made. Stay tuned for specific details on the date and time of the event. You can submit votes by sending me an email or using the Google Doc voting form (link further below in the newsletter).

Don't forget about the two other Chapter surveys that are ongoing. One is a comprehensive survey about general Chapter stuff ranging from unfiltered opinions on what we're doing well or could be doing better to asking specific questions regarding thoughts on the costs of dues, proposed meeting days and times and more.

Additionally, for anyone interested in participating in Chapter flyouts (pilots and non-pilot passengers alike), there is a survey asking about potential destinations of interest (Links to the surveys can be found further below in the newsletter).

Last month the audio/visual hook up using the camera, table microphone and speaker in the projector seemed to work very well to include those wanting to attend the meeting virtually. We'll plan to keep that going for the next two months while trying to figure if we can continue that setup in the hangar when we have guest presentations.

Dues are due for 2022. If you've already paid your dues for the year, Thank You! If you haven't yet, please get them in as soon as possible. (Amounts and mailing address further below in the newsletter).

Our application to receive a fourth consecutive Ray Aviation Scholarship for youth flight training was submitted to EAA a couple of weeks ago. EAA is beginning to review the applications and their decisions are usually made by the time of our banquet in mid-March.

Those who are interested in the current chapter build projects—finishing up the Stolp SA-900 V-Star and the newly started Heath Parasol—come join the fun at the Chapter hangar on Monday nights beginning at 7:00 pm. Even if you're simply curious about the process—come on out!

We had an exciting development recently in the realm of Chapter build projects. Our chapter is in possession of a Thorp T-18, a two-place, all-metal, plans-built, homebuilt aircraft. Pictures can be found in the newsletter further below. One of the best parts of the acquisition was the procurement costs—none, it was donated! A special Thanks! to the members who made multiple trips to inspect the aircraft and everything that came with it as well as the trip to transport it to its current home.

Until next time ....

Safe skies!

# Chapter 36

## News and Events

### CHAPTER 36 NOW HAS AN AIRPORT MAILBOX

**Mail can be sent to:**  
**EAA Chapter 36**  
**18515 Henson Blvd, Box 14**  
**Hagerstown Regional Airport**  
**Hagerstown, MD 21742**

(18515 Henson Blvd **Hangar 6A** will work also)

Alladin Awards of Funkstown donated the address plaque for the mailbox

| <b>Current Fuel Prices</b><br>as of<br>January 18, 2021 |               |               |
|---|---------------|---------------|
| <b>Airport</b>  | <b>SS</b>     | <b>FS</b>     |
| Hagerstown  | \$5.35        | \$6.10        |
| Frederick   | \$5.80        | \$6.55        |
| Martinsburg   | \$5.35        | \$6.10        |
| Winchester  | <b>\$5.19</b> | \$5.59        |
| Cumberland  |               | <b>\$5.25</b> |
| Carroll County  | \$5.35        | \$6.35        |

[www.airnav.com](http://www.airnav.com)

### Links for Surveys – EAA Chapter 36

In-House Chapter Survey

<https://docs.google.com/forms/d/1j2suqgTtSi70cqYOseiPHIWL9ndIykBYdkS9SRl38jo>

Chapter Awards – Banquet

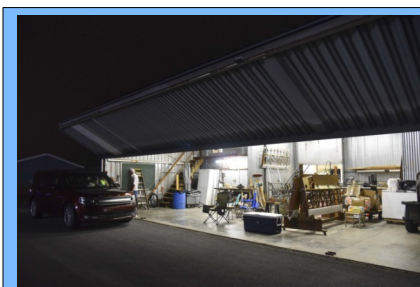
<https://docs.google.com/forms/d/1xRQBKwDr9vBSfCvHwKVMk63o3-Tifd4kgWQo92oYL38>

Flyout Ideas

[https://docs.google.com/forms/d/17CzT1GFsFNQQwLwCYaCNwllt-asfNiSf1-4tA9w\\_3\\_I](https://docs.google.com/forms/d/17CzT1GFsFNQQwLwCYaCNwllt-asfNiSf1-4tA9w_3_I)

Prospective Member Interest

<https://docs.google.com/forms/d/1VcMp7EZyfWQW-Yq2vkA2x8XEzbpzPG39AWuYoOakcgL8>



Weekly Build Nights at the Chapter 36 Hangar, Monday nights at 7 p.m.

### February



**Chapter Meeting**

Monthly chapter meeting on Tuesday, February 1st, 7:30 p.m. at the Hagerstown Aviation Museum.

## Thorp T-18



In the fall of 2021, EAA Chapters of Winchester, Martinsburg, and Hagerstown were alerted to the disposal of an Estate owned airplane. Anyone interested can contact a person listed in the E-mail. I answered the request for information as to what this involved and what kind of aircraft was being presented. I was contacted by Mr. John Shoup, brother of the deceased Mr. Richard Shoup. John is living in North Carolina at the time and implied that he would be coming to West Virginia after the holidays to help with the Estate matters. John said he would send pictures and more information when he gets to WV. Some back and forth exchanges through E-mail got more intriguing when we found out that the airplane was a Thorp T-18 and had been in the Martinsburg area for some time. The pictures showed the plane having some repairs in progress but John did not know why or what happened prior to coming to WV.



A little background about Mr. Richard Shoup. He had been in the military as a pilot doing reconnaissance work etc. and then retired. Richard suffered with health problems that got increasingly worse until he was unable to do any more work on the T-18. His personal log book showed a total of 2450 flying hours and ended with flying small planes including DA-40, a Cup or Champ and a Citabria.

We made arrangement to meet John and Richard's son at the home place to look over the plane and the parts and all the other stuff including Thorp plans, a mountain of collected papers, sheet metal, tools, wing dollies etc. and etc. Ken Jones, Joe Boyle and myself were much surprised at the

condition of the plane. At first we noticed, as the pictures noted, a new firewall, gear legs and some small areas of paint removal around the cowling. Then the big surprise of a 360ci engine and a constant speed prop. The instrument panel was removed as well as the seat and the control sticks. Digging around in a bin full of instruments, I found the Hobbs meter showing 342 hours. Did not find the Tach at this point. Now the negotiation: Joe asked John and Brandon, Richard's son, what kind of deal can we work out? NOW THIS WILL GIVE YOU GOOSE BUMPS! They both agreed that if we were going to use this as a training project to teach members how to work on sheet metal and help promote the efforts of EAA they would GIVE the plane to us as a donation!!!! WOW!!! But it gets more interesting when John said "If you guys don't take this plane and the parts we are going to call Winchester Recycling to come get it out of here and call it JUNK!!!" Now don't that make your stomach turn a loop? So we agreed quickly that we would be happy to remove the plane and all the items as soon as possible. Ken J., Jim H., Joe B. and myself took Ken's trailer and met John and traveled to the location in Capon Bridge WV, and loaded the plane on the trailer and the bins full of all the stuff into Ken's van and the sheet metal on Joe's truck. I pulled the trailer loaded with the plane. It is now in a hanger at Potomac Air Park, HANCOCK, with all the stuff awaiting the V-Star completion. I can only thank the Shoup's enough for their contribution to our Chapter 36 and for them to know that the T-18 will fly again in the future and that Richard Shoup can know that we have his heart and soul invested in this project and he and his family can be assured that we will make them all proud!!!

There is a trailer with wing racks that goes along with the donation. We could not get to it when we picked up the plane etc. due to too much snow. We will go back down soon to retrieve it asap.  
By Gary Keller V.P. 36



## **Aviation News:**

### **Where Have All the Pilots Gone?**

<https://www.flyingmag.com/where-have-all-the-pilots-gone/>

### **2022 Richard Collins Writing Prize for Young Pilots**

<https://airfactsjournal.com/2022/01/announcement-2022-richard-collins-writing-prize-for-young-pilots/>

### **How Do Flaps Work?**

<https://www.boldmethod.com/learn-to-fly/aircraft-systems/how-do-flaps-work/>

### **Tuskegee Airman Brig. Gen. Charles McGee Dies**

<https://www.avweb.com/aviation-news/tuskegee-airman-brig-gen-charles-mcgee-dies/>

### **Train and plan for emergencies before they happen**

<https://generalaviationnews.com/2022/01/20/video-train-and-plan-for-emergencies-before-they-happen/>

### **Zara Rutherford completes solo earthrounding flight**

Teenager becomes youngest woman to circumnavigate the globe

<https://www.aopa.org/news-and-media/all-news/2022/january/25/zara-rutherford-completes-solo-earthrounding-flight>

### **‘Miracle Landing’: 4 People, Including Infant, Survive Medical Helicopter Crash In Drexel Hill, Officials Tell CBS3**

<https://philadelphia.cbslocal.com/2022/01/12/drexel-hill-medical-helicopter-crash-delaware-county/>

### **Police Officers Rescue Pilot Just Before Aircraft Destroyed by Train**

<https://www.flyingmag.com/1-a-police-officers-rescue-pilot-just-before-aircraft-destroyed-by-train/>

### **NTSB to FAA: Make Interactive Carbon Monoxide Detectors Mandatory**

<https://www.flyingmag.com/ntsb-to-faa-make-interactive-carbon-monoxide-detectors-mandatory/>

### **Why Laser Strikes Are Hazardous To Pilots**

<https://www.boldmethod.com/learn-to-fly/aeromedical-factors/why-laser-strikes-are-so-hazardous-to-pilots/>

### **World’s Largest Airplane Completes First Test Flight in Eight Months**

<https://www.flyingmag.com/worlds-largest-airplane-takes-flight-for-the-first-time-in-eight-months/>

### **Volunteer pilots fly nearly 1,000 endangered birds to new home**

<https://generalaviationnews.com/2021/12/29/volunteer-pilots-fly-nearly-1000-endangered-birds-to-new-home/>

### **EAA Virtual Ultralight Days Coming February 22-24**

<https://www.eaa.org/eaanews-and-publications/eaanews-and-aviation-news/news/2022-01-27-eaa-virtual-ultralight-days-are-coming>

### **Why Did FedEx Ask the FAA About Installing Lasers on Airplanes?**

<https://www.flyingmag.com/why-did-fedex-ask-the-faa-about-installing-lasers-on-airplanes/>

### **Tips for saving money on flight training**

<https://generalaviationnews.com/2022/01/05/tips-for-saving-money-on-flight-training/>

### **Comparing the World’s Largest Airplanes**

<https://www.flyingmag.com/comparing-the-worlds-largest-airplanes/>

### **Romancing the 'Hun'**

A legendary aircraft from which heroes were made

<https://www.aopa.org/news-and-media/all-news/2022/january/pilot/romancing-the-hun>

### **Sometimes in Flight, There Is No Safety in Numbers**

<https://www.flyingmag.com/sometimes-in-flight-there-is-no-safety-in-numbers/>

## \$ Chapter Membership Dues \$

Student – \$5

Individual - \$30  
Individual (3) - \$75\*

Family - \$40  
Family (3) - \$105\*

Lifetime (I) - \$350  
Lifetime (F) - \$500

Honorary – Free

*\*(3) = three-year membership*

### What does local chapter membership support?

- PIA scholarship fund
- Youth flight training scholarship
- Youth RC project
- Young Eagles events
- Pancake breakfasts
- EAA national chapter dues & insurance
- Young Eagles Workshops
- Movie Nights
- Pedal Plane projects
- EAA youth camp sponsorships
- Banquet Awards
- VMC/IMC Club events
- Build project aircraft and supplies
- Hangar rent and utilities to support activities
- Tools and Accessories
- Machinery
- Technical Counselor access for member build projects
- Flight Advisor access for member build projects
- Flyouts and other social events
- Online seminars
- Speaker presentations
- Volunteer opportunities
- Member accomplishment celebrations
- Host annual Poker Run
- Marketing / Promotional activities
- **List may include activities that are proposed but not presently active**

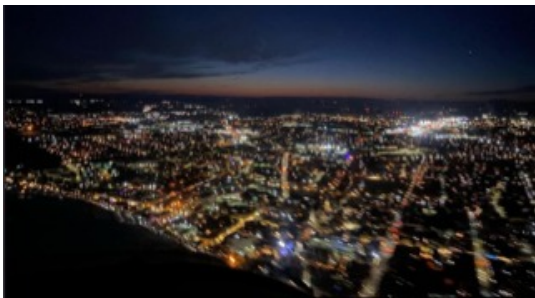


## Upcoming EAA Webinars

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

| Date    | Time          | Title  | Presenter(s)   |
|---------|---------------|--|--|
| 2/2/22  | 7 p.m.<br>CST | <a href="#">Cylinder Rescue</a><br><b>Qualifies for FAA WINGS and AMT credit.</b>  | Mike Busch<br><i>Way too many cylinder wind up getting pulled due to low compression, says Mike Busch A&amp;P/IA. Many of them can be rescued without resorting to cylinder removal. Mike illustrates this by telling the story of a frustrated Piper Seneca owner who had already replaced seven cylinders and was now being told by his mechanic that two more needed to come off. With the help of Mike's team, both cylinders were rescued without removal--one by lapping the valve in place and the other by doing a solvent ring flush. Mike feels that cylinder removal should be the last resort after less-invasive methods have been tried.</i> |
| 2/8/22  | 7 p.m.<br>CST | <a href="#">Mustang: The History of EAA's P-51s</a><br><b>Museum Webinar Series</b>  | Chris Henry and Ben Page<br><i>The P-51 Mustang is one of the most iconic aircraft of World War II and the EAA Aviation Museum is fortunate to have two different examples of this legendary airplane in our collection. Join museum staff members Chris Henry and Ben Page as they discuss the history of the type, as well as the two in the museum's collection.</i>  |
| 2/9/22  | 7 p.m.<br>CST | <a href="#">ATC and You: Getting the Most Out of Flying in Controlled Airspace</a><br><b>Qualifies for FAA WINGS credit.</b> | Bob Obma and Brad Wilco<br><i>There are many myths and assumptions regarding the services that pilots receive when they are in contact with ATC. Some pilots think controllers are providing more than they actually are while others don't take advantage of all that controllers can do for them. Join air traffic controllers Bob Obma and Brad Wilco as they discuss the services that ATC provides and when. Participants in this webinar will be able to fly safer and more efficiently in and around controlled airspace.</i>   |
| 2/15/22 | 7 p.m.<br>CST | <a href="#">Become a Better Chapter Leader – Secretary/Treasurer 2022</a>  | John Egan and Charlie Becker<br><i>Chapters staff John Egan and Charlie Becker provide insights on the necessary tasks associated with the secretary and treasurer positions within EAA chapters, as well as tips on chapter management and critical due dates for chapter-related events.</i>   |

# Ray Aviation Scholarship Update: Andrew Russell



## COVID!

After passing my written and having my wisdom teeth out, my flight instructor came down with Covid! Yep, ground for two more weeks! Finally on January 15 we were able to fly. I practiced for about half an hour on my day flying before it got dark to practice my night landings. I was able to successfully do twelve landings and take offs. Next lesson will be my night cross country flight. Then hopefully finishing up soon.

Short term plans, to finish my flight lessons and take my oral and check ride before the end of February. Then I will go in for my First-Class medical exam in March.

I have applied to nine colleges that are part of the Delta propel program, have heard back from all but one. The end of February we will be traveling down to Florida so my Mom can show her antique car. While there we will be touring Embry Riddle and Jacksonville University. These schools are at the higher tuition cost but since we are there it doesn't hurt to see what they offer.



# Members Page

## Pete Walters



BushCat progress has been slow for a couple of reasons.

First, I came to a point where I couldn't proceed without the parts that were out for painting. That took much longer than anticipated, the last of them arriving New Year's Day.

More importantly, (as some of you know), before Thanksgiving, my wife Karen noticed a lump which turned out to be breast cancer. These past three months have been filled with a variety of appointments for detailed screenings, labs, and surgery. On January 31st she starts chemo therapy which will stretch into June. At that point, we begin radiation treatment until about Labor Day. Necessary, but not something we look forward to. The good news is that the tumor was completely removed, and there is no evidence it has metastasized.

We did a delayed Thanksgiving with my daughter and her family from the DC area. We were also blessed with a delayed Christmas visit by my son, Bob and his family. The kids (of all ages) wanted to see "Papa's plane", so hangar 6H got some visitors. Lina, age 7, got to help "assemble" the propeller. I put Bob to work (superior hand strength) with the tensionometer to tighten some cables. And we found an open hangar where Lina and Tom, age 3, were generously allowed to sit in a Piper and play with the yoke. Future Young Eagles in the making.

My avionics arrived, which gave me something I could play with at home.

As Karen and I settle into a more predictable routine, I hope to pick up my trips to KHGR.

