



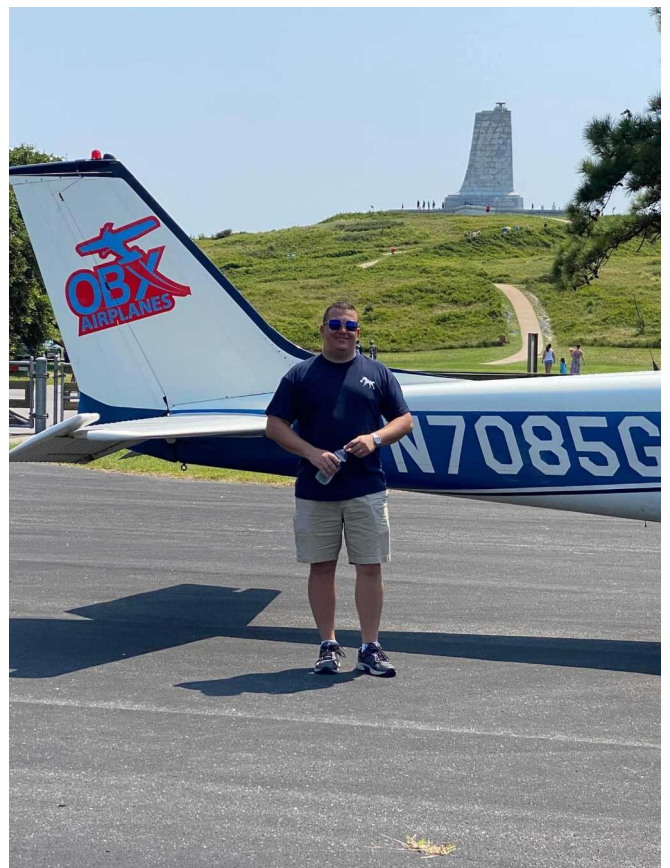
# The Hagerstown Homebuilder

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

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# EAA CHAPTER 36

**September 2021**

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→→→ **Our next general membership meeting will be held September 7th** →→→

## The President's Corner



Last month when I was typing my comments for the newsletter, I knew Aidan passed his checkride and Andrew completed his first solo flight. What I didn't know at the time and only found out once the newsletter hit our inboxes was that Elizabeth passed her commercial pilot checkride. What may be (at least during my short tenure) our chapter's greatest ten day period—between July 15<sup>th</sup> and 25<sup>th</sup>—our 2020 scholar passed his private pilot checkride, our 2019 scholar passed her commercial pilot checkride and our 2021 scholar accomplished his first solo flight. And we're so proud of Elizabeth as she continues to set the standard for our current and future Ray Aviation Scholars.

This month's chapter gathering will feature a presentation by Hagerstown's Civil Air Patrol squadron and take place at the Hagerstown Aviation Museum. For October's presentation, we were invited to hold our chapter gathering at the local campus for Pittsburgh Institute of Aeronautics who will be that month's feature presentation—who plans to offer tours of the facility that evening while we're there.

Last month we flew 32 Young Eagles. The turnout was surprising. I say that because we had nearly 60 kids pre-registered between the designated slots and waiting list. While the weather was fine for flying Young Eagles, perhaps the cloud coverage scared off a bunch of them. If I've counted correctly, we've flown 77 Young Eagles between our June and August events with two more to go—September 11<sup>th</sup> during Wings & Wheels and October 9<sup>th</sup>. We can't say it enough—Thank You! to the volunteers who donate their time and energy toward making these events a success.

Speaking of Wings & Wheels, it's the big event of the year. We have the opportunity to generate some much-needed funds for the chapter by selling hamburgers and hot dogs. And our profit will be maximized thanks to some very generous donations of supplies. We could always use a few more volunteers to maximize our efforts and impact. We can offer a free lunch to anyone willing to give us a few hours of their time—and for those who recruit additional volunteers, you can have a second hot dog on the house!

Members have the opportunity to participate in a tour of the 167<sup>th</sup> Airlift Wing in Martinsburg, WV. I am told the tour will begin at 9:00 AM. Chaplain (Maj.) Ron Faith is coordinating with Base Ops for a bus to pick anyone up on the civilian side who flies in where I believe a few members plan to have lunch afterward. I need to know as soon as possible if you're interested—there is a form you will need to complete and return to me so I can forward it to our Security Forces Squadron.

Our plan for the "Fourth Saturday Flyout" in September takes us over the ridge to visit Gettysburg's EAA chapter during their second pancake breakfast of the year. I know we had several members who made it to their last event in June at different times so it will be nice to have a group flyout this time.

The Young Eagles RC Build & Fly project resumed a couple of weeks ago after a two-week break. The wings are covered with the fuselage following suit in the near future. One of the highlights is being treated to seeing Pete's progress on his SkyReach BushCat.

It's hard to believe summer officially ends in just a few weeks. Before long we'll be changing the calendar to a new year. Once Labor Day is over with, stores will probably have their Christmas displays up shortly after. Since commercialism has become the reason for the season, as you begin planning and executing your holiday season shopping don't forget our chapter can receive a small percentage of the purchase price of your Amazon purchases if you use Amazon Smile and select our chapter as the beneficiary.

Until next time ....

Safe skies!



# Chapter 36

## News and Events

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### Current Fuel Prices

as of  
August 17, 2021

Airport	SS	FS
Hagerstown	\$5.35	\$6.10
Frederick	\$5.65	\$6.40
Martinsburg	\$5.15	\$5.95
Winchester	<b>\$4.99</b>	\$5.34
Cumberland		<b>\$5.25</b>
Carroll County	\$5.39	\$6.39

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



Young Eagles Build & Fly Program meetings at the Chapter 36 Hangar, Thursday nights at 7 PM



Weekly Build Nights at the Chapter 36 Hangar, Monday nights at 7 PM

### September



**Membership Meeting**

Chapter Gathering at the Hagerstown Aviation Museum featuring Civil Air Patrol on September 7<sup>th</sup> at 7:30 PM.



**Young Eagles**

Young Eagle Flights during the Wings & Wheels event on September 11<sup>th</sup>.



**Fly-Out**

Fourth Saturday Flyout to Gettysburg, PA (W05) on September 25<sup>th</sup> for EAA Chapter 1041's Pancake Breakfast.



# Meeting & Walter Green Memorial Scholarship Presentation





# August 14<sup>th</sup> Young Eagles Event (Photos by Stephen Yeates)





## Aviation News:

### **EAA AirVenture Oshkosh 2021: Facts and Figures for an Outstanding Year**

<https://www.eaa.org/airventure/eea-airventure-news-and-multimedia/eea-airventure-news/eea-airventure-oshkosh/08-03-2021-eea-airventure-oshkosh-2021-facts-and-figures-for-an-outstanding-year>

### **2021 AirVenture Lindy Awards Announced**

<https://www.eaa.org/airventure/eea-airventure-news-and-multimedia/eea-airventure-news/eea-airventure-oshkosh/08-01-2021-2021-airventure-lindy-awards-announced>

### **Michigan pilot tops 2,400 Young Eagles flights**

<https://generalaviationnews.com/2021/08/07/michigan-pilot-tops-2400-young-eagles-flights/>

### **Seaplane tugboat volunteer: 'It's just fun'**

EAA Seaplane Base's Tom Scott tows pilots to Lake Winnebago

<https://www.aopa.org/news-and-media/all-news/2021/august/05/seaplane-tugboat-volunteer-its-just-fun>

### **'That's when I knew this was real'**

<https://generalaviationnews.com/2021/08/05/thats-when-i-knew-this-was-real/>

### **Free Runway Safety Pilot Simulator launches**

<https://generalaviationnews.com/2021/08/05/free-runway-safety-pilot-simulator-launches/>

### **WWII Warbirds to fly at Hagerstown Sept. 11**

<https://augustafreepress.com/wwii-warbirds-to-fly-at-hagerstown-sept-11/>

### **WWII Ground Crewman's Son Unearths A Valuable Historic Artifact**

<https://www.avweb.com/aviation-news/wwii-ground-crewmans-son-unearths-a-valuable-historic-artifact/>

### **Questions from the Cockpit: Bright city lights (not)**

<https://generalaviationnews.com/2021/08/23/questions-from-the-cockpit-bright-city-lights-not/>

### **Why Aren't More Hangars Being Built?**

Waiting lists at many airports have owners frustrated. So, what gives?

<https://www.flyingmag.com/story/news/low-available-hangar-space/>

### **Sonex's next design: A high wing**

<https://generalaviationnews.com/2021/08/26/sonexs-next-design-a-high-wing/>

### **How To Get Your Instrument Rating, And Why You Should**

<https://www.boldmethod.com/learn-to-fly/checkride/how-to-get-your-instrument-rating/>

### **A once-in-a-lifetime flight in a B-25**

<https://generalaviationnews.com/2021/08/22/a-once-in-a-lifetime-flight-in-a-b-25/>

### **Vultee's first airplane foretold the future**

<https://generalaviationnews.com/2021/08/09/vultees-first-airplane-foretold-the-future/>

### **Do this, don't do that**

Can't you read the signs?

<https://www.aopa.org/news-and-media/all-news/2021/august/flight-training-magazine/airport-signage>

### **Take Action on Critical Flight Training Issue**

<https://www.eaa.org/eea/news-and-publications/eea-news-and-aviation-news/news/2021-08-12-take-action-on-critical-flight-training-issue>

### **Geico Skytypers Pilot Killed In Pennsylvania Crash**

<https://www.flyingmag.com/story/news/geico-skytypers-pilot-killed-in-pennsylvania-crash/>

### **Flying Under a Bridge Too Far**

<https://www.flyingmag.com/story/pilot-proficiency/unusual-attitudes-little-too-unusual/>

### **172 Substantially Damaged By Police Drone**

<https://www.avweb.com/aviation-news/172-substantially-damaged-by-police-drone/>

## Upcoming EAA Webinars

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

Date	Time	Title	Presenter(s)
9/1/21	7 p.m. CDT	<a href="#">Machine Learning</a> <b>Qualifies for FAA WINGS and AMT credit.</b>	Mike Busch <i>Predictive analytics has been revolutionizing the maintenance of big airline jets. Huge amounts of data gathered from thousands of sensors throughout the aircraft are analyzed using machine learning and other artificial intelligence techniques to predict when components are likely to fail so that they can be replaced or overhauled before they do. This cutting-edge technology is now being applied to piston GA to predict exhaust valve failures before they happen, and more predictive analytics are in the pipeline. In this webinar, Mike Busch brings you up to date on where things stand now and what's coming.</i>
9/7/21	7 p.m. CDT	<a href="#">Bearhawk Aircraft</a> <b>Homebuilders Webinar Series</b>	Mark Goldberg <i>Mark Goldberg of Bearhawk Aircraft will discuss the five Bearhawk designs, which are available as both plans and kits, including their new six-place offering.</i>
9/8/21	7 p.m. CDT	<a href="#">Avoiding Carburetor Icing - A Cool Pilot's Guide to Carb Heat</a> <b>Qualifies for FAA WINGS and AMT credit.</b>	Prof. H. Paul Shuch <i>Carburetor icing can rob your engine of power, and if not corrected, will quickly turn your airplane into a glider. In this FAA Safety Team WINGS and AMT award presentation, Prof. Shuch tells you everything you always wanted to know about carb heat, but were too cool to ask.</i>
9/14/21	7 p.m. CDT	<a href="#">Air Racing History - Part 2</a> <b>Museum Webinar Series</b>	Connor Madison <i>EAA's staff photographer Connor Madison takes us on part two of the journey through the thrilling history of American air racing. This will pick up from his previous presentation held on May 11, 2021, and take a dive into the post-WWII era, such as the Cleveland National Air Races.</i>
9/21/21	7 p.m. CDT	<a href="#">Buying Your First Aerobatic Airplane</a>	Budd Davisson <i>Budd Davisson talks about the myriad considerations involved in buying your first aerobatic airplane. His talk ranges from personal aerobatic goals, finances, matching skill levels to potential airplanes and thumbnail pilot reports on the most likely candidate airplanes to be purchased. Much of his presentation will answering questions from listeners.</i>



# Ray Aviation Scholarship Update: Andrew Russell

## I am Soloing!

I am currently at thirty-two hours of flight lessons. I am still trying to maintain a scheduled of three times a week at three-hour lessons. And I have soloed twice!



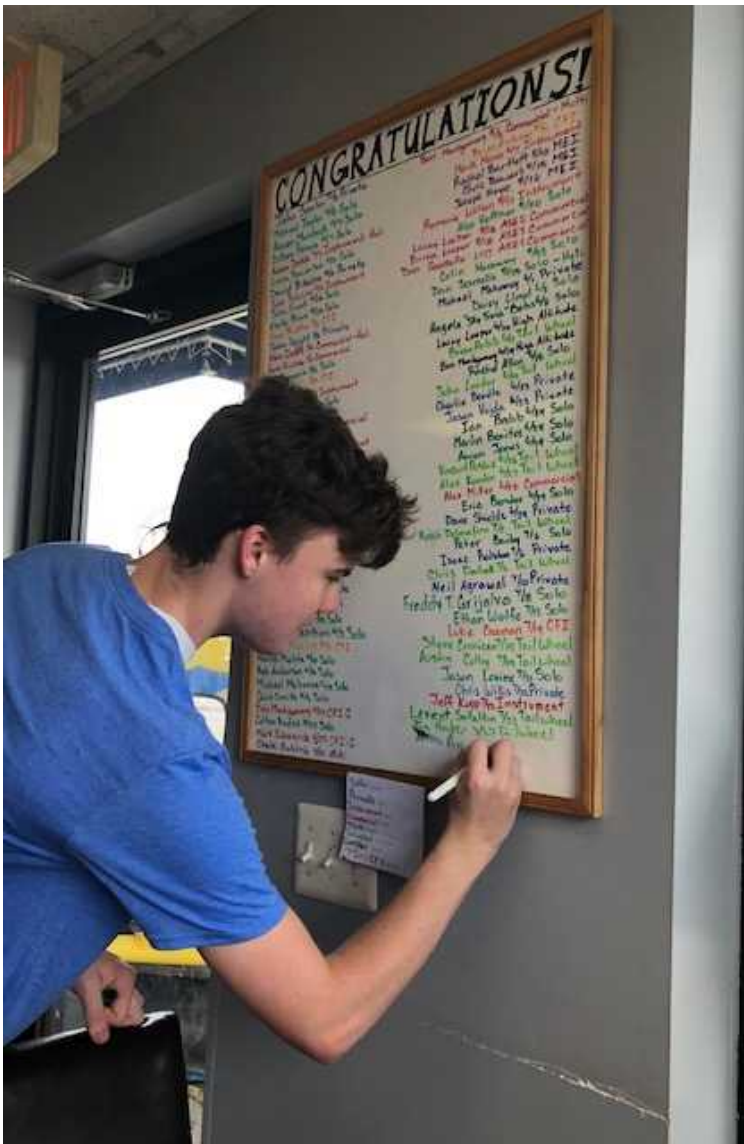
My first solo was July 25 at 1 pm. My sister drove me to Frederick so I could practice with my instructor Anthony. I was supposed to solo that Friday but the winds were so strong that Anthony decided not to let me that day. So that Sunday the weather was perfect, maybe a little too hot but slight winds. My NC adopted Grandparents were in town visiting so once Anthony gave the ok, they left Williamsport for the airport. They watched as Anthony hopped out of the plane and there, I was alone! Anthony joined my NC Grandparents and my Parents on the side line with his radio so they could hear me talking to the tower. He also had his cell phone and was texting me. My first take off went smoothly and same with my second ones. On the third time I took off fine but when asking to land, I didn't clearly hear the directions due to her speaking too fast, so I asked her to repeat, she did but wasn't happy about doing it. This month I also helped out with the Young Eagle's first flight event. It was fun helping but the best part I got to fly stick with Mr. Tony in his T112 and with Mr. Curtis in his Cessna 177, and to talk with the Editor in Chief of "Flying" magazine, Julie Boatman.

My family and I went on vacation and we had a few lessons canceled due to weather. One of the cancelations was due to it being too hot. I am scheduled for flights from now until the end of October. I will be taking lessons Mondays, Wednesdays, and Fridays mornings before classes. My school BISFA has arranged for an "educational Release" in the mornings. I will also be taking on-line college classes through Community College of Baltimore County (CCBC) in their Professional Pilot AAS degree program. I have already completed two classes and plan on making more during my senior year.

Oh, and also since my last article I passed my driver's test on August 12, so I can now operate a car on my own.









# Members Pages

## Pete Walters

I've been working on the Bushcat nearly every morning, but it is usually too hot to continue into the afternoons. The aft portion of the fuselage is complete, and the vertical stabilizer nearly so.

Next week I'll be lacing the bottom of the fabric which is just draped at this point.

Something I've learned: If you want to meet new people, just leave the hangar door up.



## Mark Hissey

Here's some pictures of my Archer's nose wheel job.



Old beat up & cap & hole to access tire fill valve.



Stripped & filled hole to replace with an access door from an old wheel pant.



First paint white courtesy of Tyler Ford paint shop.



First red stripe painted waiting for yellow stripe.



Yellow stripe added.



Lastly stripes on wheel pants compared to stripes on the door for a color match comparison.



## Ray Franze

On vacation, I got checked out in a Cessna 172 at OBX Airplanes (Dare Co. Airport, Manteo, NC, Roanoke Island) so I could rent an airplane later.

I flew my wife down to Bodie Island Lighthouse, up the coastline past Jockey's Ridge and into First Flight Airport. The runway is within 200 yards from the spot the Wright Bros. accomplished their historic flight(s). I then gave several flights to family and friends from FFA before returning the plane.





## Elizabeth Thornwall

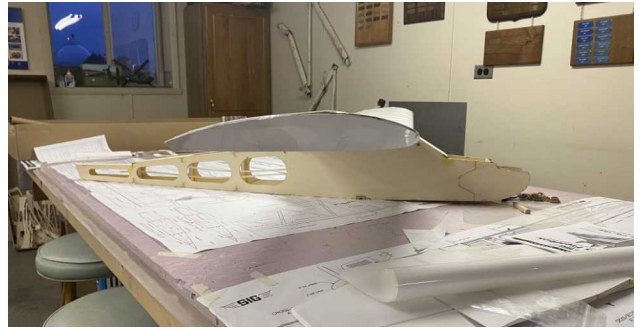


These photos are from a couple of flights my flight instructor, Jay Chiang, and I took this past month. The first (above) was a VFR flight to St Mary's County Airport (2W6) in southern Maryland, so I could practice flying through the Washington DC SFRA and VFR flyway. The second flight (below) was to Manassas Regional Airport (KHEF) for some practice flying IFR through busy airspace. Potomac Approach routed us right past Dulles International Airport.





Photos of the RC Build and Fly aircraft.



Austin and Tobias prepare for some night flying and practice instrument approaches in Austin's 182.

Our planned flight for the August fly out, and the radar at the point we would have been enroute for about 20 minutes. So we cancelled and glad we did.

