



The Hagerstown Homebuilder

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EAA CHAPTER 36

July 2021

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→→→ **Our next general membership meeting will be held July 6th** →→→

The President's Corner



Is it hard to believe we are halfway through 2021!?! Fortunately, the cicadas have pretty much exhausted their time above ground this year. I lucked out the last time this brood surfaced 17 years ago as I was overseas during their stay in the mid-Atlantic.

This month's chapter gathering is unique, in a good way I hope. We are scheduled to meet on the first Tuesday of July (6th), not at the airport, but at the Pegasus R/C Modelers Club's field on the northeast side of the city. The plan is to kick things off earlier than we normally do, beginning at 6:00 pm. Members of Pegasus will be available with buddy-boxes to offer our members and guests an opportunity to fly remote-controlled aircraft at their field. They will also speak to our members and guests about their Club. Additionally, we plan to officially announce—and celebrate—our 2021 Ray Aviation Scholarship recipient. Hopefully, the event is enough of a unique and exciting change to overshadow the inconvenience of the time and location change. Directions can be found below, further in the newsletter.

The Walter Green Memorial Scholarship selection process concluded in early June. In August, we plan to present our inaugural Walter Green Memorial Scholarships—yes, plural. For the initial award, the scholarship committee selected two recipients. The chapter is excited to see this scholarship program come to life, help out students in an area of aviation beyond flying; and we're grateful for the generous support of the donors who helped make this scholarship possible.

We received a generous gift from the family of David Dodd, a chapter member who passed away just before Christmas this past year. The family asked that we stand up a scholarship of some kind in his memory; and we are currently accepting ideas of how to implement this opportunity.

On the 19th, the Museum hosted the Cruise for the Cure event. For the first time in approximately 20 months, we flew Young Eagles. We flew 45 Young Eagles among four pilots and aircraft. While the fence from the museum's ramp to the controlled movement area creates a chokepoint, the control tower staff did a fantastic job choreographing the inbound and outbound traffic to/from the staging area. A special Thanks! to everyone who donated their time and efforts to support a strong Young Eagles return.

A much delayed Thank You! to John Mainville for dropping off a pile of RC aircraft battery chargers for the chapter and its members. I'm not sure how many remain, but if you may be interested in one stop by the hangar to see what's available.

Our "Fourth Saturday Flyout" in June was up to Reading Regional Airport (RDG) for lunch at Klinger's at the Airport. We had two planes and five members take part this month. You can find pictures from the flyout and a trip report further back in the newsletter. We defer to EAA's ultimate flyout (AirVenture @ Oshkosh, WI) for July, and we will resume our chapter flyouts in August (28th). Time to submit trip ideas and solicit hangar neighbors to join in on the fun!

Final preparations are being made by those planning to head northwest at the end of the month. Safe travels to those who are making the trek up to Oshkosh for EAA's AirVenture. I won't make it this year and I'm curious to hear how things are the same, and different, as EAA brings back the event. If you've never been—go! For aviation enthusiasts, it's the place to be during the summer!

Until next time

Safe skies!

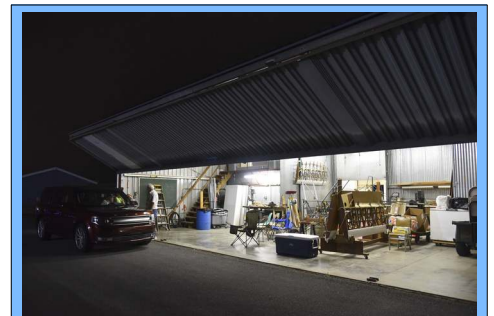
Chapter 36

News and Events



Current Fuel Prices		
as of June 21, 2021		
Airport	SS	FS
Hagerstown	\$5.35	\$6.10
Frederick	\$5.55	\$6.30
Martinsburg	\$4.89	\$5.74
Winchester	\$4.84	\$5.09
Cumberland		\$5.25
Carroll County	\$5.12	\$6.12

www.airnav.com



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



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

July



Membership Meeting

Chapter meeting on Tuesday, July 6th, 6:00 pm at the Pegasus RC Club's field. Arrive when you can, but we're starting early so people have a chance to fly RC aircraft.



EAA AirVenture

EAA AirVenture Oshkosh 2021 will take place from July 26th to August 1 at Wittman Regional Airport, Oshkosh, Wisconsin.

July 6th Meeting Directions – Pegasus RC Club

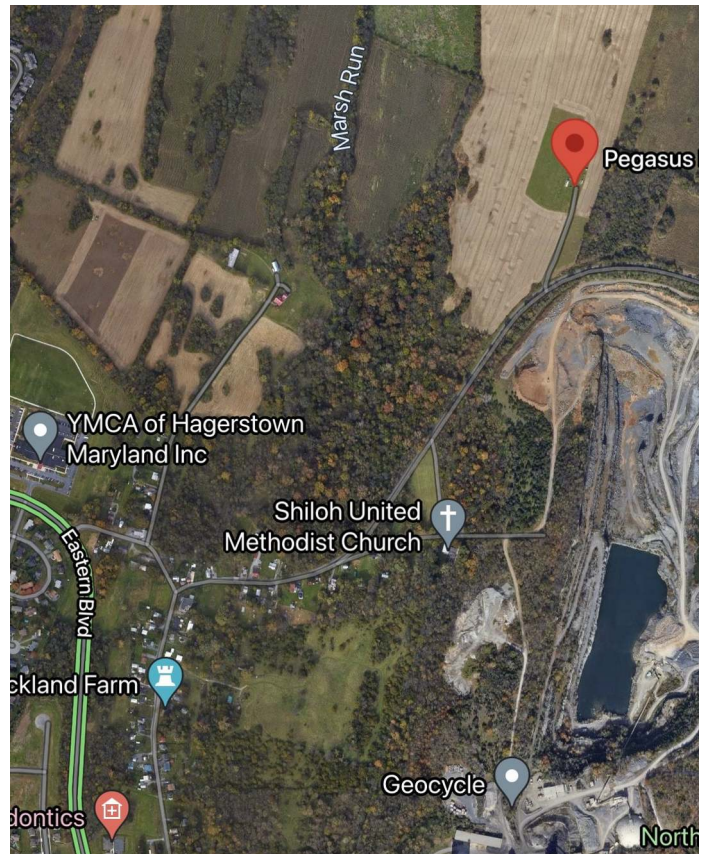
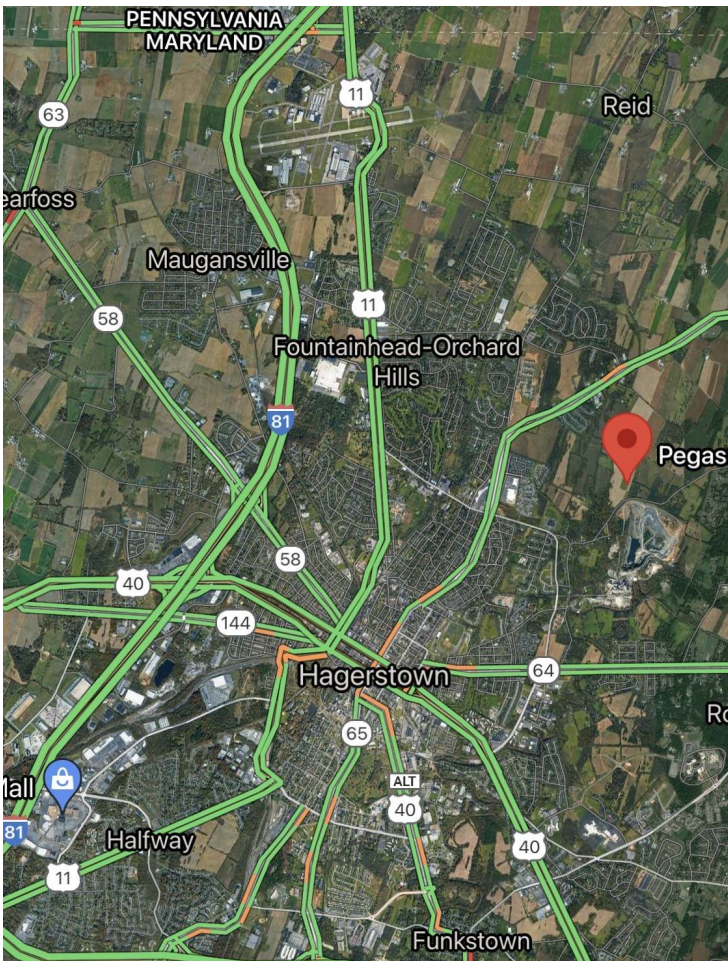
19880 Old Forge Rd
Hagerstown, MD 21741

Directions:

From the north (airport): Take Rt 11 (road that goes underneath Rwy 27) toward Hagerstown. Turn left onto Eastern Blvd. As soon as you pass the YMCA, Turn left onto Antietam Dr. Shortly after Antietam Dr bends to the right, Turn Left onto Old Forge Road. Look for signs, pavilions, the grass field, RC airplanes, and people.

From the south: Take I-70 E to Exit 32 (40 "Dual Hwy") in toward Hagerstown. Turn right onto Eastern Blvd. If you enter downtown Hagerstown, you missed Eastern Blvd. Stay on Eastern Blvd for a bit. As it starts to bend toward the left, Turn Right onto Antietam Dr. If you reach the YMCA, you just missed your turn. Shortly after Antietam Dr. bends to the right, Turn Left onto Old Forge Road. Look for signs, pavilions, the grass field, RC airplanes, and people.

From the east/west: Make your way onto Rt 11 or I-70 and follow the directions above.



June Young Eagles Event



Aviation News:

How to Minimize Risk During Takeoff

An in-depth look at the accidents that result from loss of power on departure.

<https://www.flyingmag.com/story/pilot-proficiency/minimizing-takeoff-risks/>

Upside Down Trim Tabs Cited In Fatal Navajo Crash

<https://www.avweb.com/aviation-news/upside-down-trim-tabs-cited-in-fatal-navajo-crash/>

The Runway Behind You

<https://www.aopa.org/training-and-safety/online-learning/safety-videos/the-runway-behind-you>

Frederick octogenarian takes flight, rekindles love for aviation

https://www.fredericknewspost.com/news/lifestyle/seniors/frederick-octogenarian-takes-flight-rekindles-love-for-aviation/article_632f79a7-63a4-5bde-9c11-b69b4448f9e3.html

A Bug Interrupts a Flight Lesson

Learning to keep your cool with a student

<https://www.flyingmag.com/story/pilot-proficiency/ilafft-bug-flight-lesson/>

Tri-Motor Tales

<https://generalaviationnews.com/2021/06/24/tri-motor-tales/>

A man converted a World War II-era navy airplane into a 300-square-foot RV - and it's complete with a vintage pilot intercom system

<https://www.yahoo.com/news/man-converted-world-war-ii-212621386.html>

Proficient Pilot: All in the family

<https://www.aopa.org/news-and-media/all-news/2021/july/pilot/proficient-pilot-all-in-the-family>

A high-flying honor: Community connects local with love of flying amid cancer battle

https://www.journal-news.net/journal-news/a-high-flying-honor-community-connects-local-with-love-of-flying-amid-cancer-battle/article_4d7eab2b-17cb-5ce5-b14d-f96ff09ff694.html

Keep Up The Good Fight

Collaboration and communication—in other words, good teamwork—help pilots and ATC get creative when small storms become big headaches.

<https://www.avweb.com/flight-safety/risk-management/keep-up-the-good-fight/>

NTSB Investigating Drone Pilot Injury

<https://www.avweb.com/aviation-news/drone-pilot-injured-in-mishap/>

An antique fair-weather flyer

<https://generalaviationnews.com/2021/06/06/an-antique-fair-weather-flyer/>

Pontotoc man wins innovation award for homemade aircraft

<https://www.yahoo.com/news/pontotoc-man-wins-innovation-award-123500154.html>

One Pilot's View: Complacency kills

<https://generalaviationnews.com/2021/06/10/one-pilots-view-complacency-kills/>

Aviators unite in support of two teen Piper Cub pilots

Teens flying separately across country to raise aviation awareness among youth

<https://aopa.org/news-and-media/all-news/2021/june/09/aviators-unite-in-support-of-two-teen-piper-cub-pilots>

Hangars in high demand

Surveys cite scarcity, waiting lists, deposits

<https://aopa.org/news-and-media/all-news/2021/june/09/hangars-in-high-demand>

Upcoming EAA Webinars

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

Date	Time	Title	Presenter(s)
7/6/21	7 p.m. CDT	<u>Propeller Selection for Homebuilts</u> Qualifies for FAA WINGS and AMT credit.	Steve Boser <i>Steve Boser from Sensenich Propeller will discuss how to choose the right propeller for your experimental aircraft. He will explain the black art of propeller design and how to make good choices for your homebuilt. There are other considerations beyond diameter and pitch which can turn your hotrod into a hangar queen. Propeller materials and construction have also come a long way since the Wright brothers.</i>
7/7/21	7 p.m. CDT	<u>The Great Beyond (TBO)</u> Qualifies for FAA WINGS and AMT credit.	Mike Busch <i>Many owners and mechanics start getting nervous when an aircraft engine gets to TBO. Although the FAA doesn't require Part 91 operators to overhaul at TBO, countless numbers of healthy engines are euthanized when they reach that consecrated number of hours. In this webinar, Mike Busch talks about his own extensive experience operating past TBO that has convinced him that TBO is a concept that is best ignored.</i>
7/13/21	7 p.m. CDT	<u>EAA AirVenture 2021 Features and Attractions</u>	Rick Larsen and Dennis Dunbar <i>Rick Larsen, EAA vice president of communities, member programs and AirVenture features and attractions, with Dennis Dunbar, director of air show operations will discuss the latest news on what to expect at EAA AirVenture Oshkosh 2021.</i>
7/14/21	7 p.m. CDT	<u>Get Your Gas In Gear: Preventing Misfueling Accidents</u> Qualifies for FAA WINGS and AMT credit.	Prof. H. Paul Shuch <i>Several times each year, GA aircraft crash on takeoff because they were serviced with the wrong type of fuel. In this FAA Safety Team WINGS and AMT award webinar, Prof. H. Paul Shuch will teach you how to determine the proper fuel to use in your aircraft, and ensure that it never suffers the slings and arrows of outrageous fueling. Qualifies for FAA WINGS and AMT credit.</i>
8/3/21	7 p.m. CDT	<u>Homebuilt Highlights from AirVenture</u> Homebuilders Webinar Series	Marc Cook <i>Kitplanes Magazine's Editor in Chief Marc Cook will cover the important homebuilt news, products, and just plain cool aircraft that caught his eye at AirVenture 2021. Even if you attended AirVenture 2021, put this one on the calendar as you just can't see it all.</i>

Fly-out Report: Reading Regional Airport

On Saturday, June 26nd, two airplanes and five members flew over to Reading Regional Airport, Reading, Pennsylvania (RDG) for lunch at Klinger's at the Airport. Ray Franze, Gary Keller and Gil Motz flew in the Chapter 36 Flying Club's Cessna 172, N8223U; and Mark and Sandy Hissey flew over in their Piper Archer, N8097Q.

Mark and Sandy stopped at the self-serve fuel pumps and the guys in -23U took advantage of the opportunity to get a much needed head start. Ray filed IFR and shortly after departure -23U was climbing through the clouds nearing the HGR VOR and during the turn to the northeast. Eventually Mark and Sandy popped up on ForeFlight and it wasn't long before they were out in front thanks to the extra horsepower. Of course, flying IFR we had to go out to the VOR before turning toward Reading while VFR departures were able to proceed on course right away.

The air was smooth at altitude except when bouncing through the clouds. During the approximately 75-minute flight in -23U, the clouds were building up to the point that we were no longer skipping through the tops but closer to the middle. This prompted a few requests to ATC for heading deviations and a climb. The winds were strong and gusting at RDG, but for the most part they were right down the runway (Rwy 18). I can tell you that slow and steady does not win the race—the guys in -23U arrived at RDG to find Mark and Sandy pointing at their watches having already sent us text messages to let us know they made it to the restaurant. I think Mark even did some S-turns at altitude followed by some slow flight paralleling our course before leaving us behind. Fortunately, he was high enough above us wake turbulence wasn't an issue.

We were able to get a table right away inside the restaurant, which does also have outside patio seating. Our waiter did a great job checking on us often—although I'm sure it helped they only had 3-4 tables worth of customers. My burger was delicious, and their chips are unique—the texture reminded me of Rice Chex cereal and they are seasoned.

The airport restaurant is in the main terminal building adjacent to the Air Traffic Control tower. When it's time to leave, look for the "Do Not Enter" signs above the doors going out to the ramp, and go through them. Reading has two FBOs, one closer to the terminal building. They do not have self-serve fuel, and the fuel price is approximately \$0.50/gallon more than the self-serve at Hagerstown. The folks in the tower were friendly and great to work with coming in and heading out.

Coming back both planes flew back VFR below the clouds; comfortably flying between 2,500' and 3,000' with Flight Following the whole way back. Due to the ridges, we flew west toward Harrisburg and then followed I-81 through the valley. A few scattered rain showers were easily avoided and the air was pretty smooth down below as well.

Perhaps the next time we plan to fly over to Reading we include time to visit the Mid-Atlantic Air Museum, which is on the field. Due to AirVenture, we won't have a scheduled "Fourth Saturday Flyout" in July. Come join us in August (28th)!



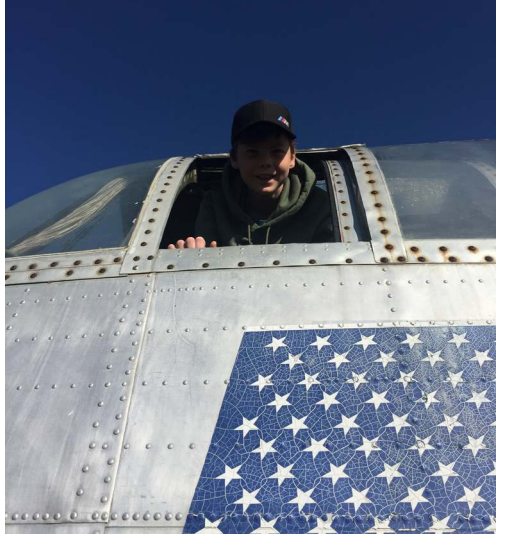
2021 Ray Aviation Scholarship: Andrew Russell

First I would like to Thank You for granting me your scholarship. My name is Andrew Russell and I moved to Williamsport MD, six years ago. I have wanted to fly since I was a little boy, my parents think it is due to my Great Grandfather, he was a WWI pilot stationed in France.

I think my spark in aviation started when a modern-day Barnstormer had allowed my dad and grandfather to fly in his red biplane, and although I was very young this experience piqued my curiosity which eventually led to my desire to fly airplanes. To me aviation provides the capability to go anywhere on the planet. I am fascinated by the technologies that make modern reliable and safe. For these reasons I am convinced that I want to learn more about aviation by flying and advancing in flying different planes. Eventually I would want to fly commercial jets with Delta airlines.

Before flying in person, I had flown in a simulator where I had learned all about flight controls and flying a plane. The more and more I learned the easier flying became. Eventually I was able to take flying lessons and my instructor was impressed with my abilities. In addition to these lessons, I started taking aviation classes at the Community College of Baltimore County (CCBC). Currently I am taking aviation history which is allowing me to expand my knowledge with how aviation developed into today. Moreover, I had been active outside of my aviation activities with camping, hiking, and bike rides with my Boy Scout troop. Last year I accomplished becoming an Eagle Scout after five years of earning badges for a variety of activities as well as completing my Eagle Scout project at our local church. Since this occurred in 2020, I am proud to say that I am a Covid Eagle. One of the virtues of getting this rank is the trustworthiness I demonstrated to my troop my parents, and my community. Furthermore, I showed dedication by continuing to consistently earn the badges required and even more. I believe I deserve the scholarship because of my dedication to becoming a pilot and that I am trustworthy enough to use the scholarship funds wisely to get my private pilot's license.

My dreams after high school will be to attend college and earn a degree in Commercial Pilot. I have already attended Liberty University's College for a Weekend event and was able to attend five college classes on aviation (safety, ethics, commercial ground, weather and aviation foundations). I have applied to six colleges that offer a pilot program and waiting to hear if I've been accepted. I want to eventually become a pilot for Delta airlines flying large commercial jets. I have had my eye set on this goal for as long as I can remember. My goal for senior year in high school is to earn my private pilot's license. I would like to live in a hanger and have my own plane. The plane I would like to own is a taildragger aerobatic plane (stunt plane) so that I can enjoy performing flips and barrel rolls. – *Andrew Russell*



2020 Ray Aviation Scholarship Update: Aidan Bedwell



“This month I got several flights in and finished off all of my solo time requirements. My first flight was my long cross country which took me from Frederick to Charlottesville, then Martinsburg, and finally back to Frederick. The flight went very smoothly besides some low clouds I had to avoid near KCHO. Having completed all my cross country solo time, the remainder of my flights in June were local solos where I practiced my landings or flew around the practice areas near Frederick.

In the later part of this month, I have been in North Carolina but have been studying for my upcoming check ride and the preparation my instructor and I will do. I also got to visit the first flight monument, which was very interesting.

Attached below are pictures of me during and after some of my flights and me in front of the first flight memorial.” – *Aidan Bedwell*



Members Pages



Ray Franze

“On Sunday, June 6th, I flew up to Gettysburg Regional Airport, for their EAA chapter breakfast. They held it both days that weekend and a couple of our members went up the day before. I finally got to meet Henry, their chapter President, who I have communicated with a good bit via email but never met; and I got to meet a guy in their chapter with whom I share relatives (he has a niece and nephew who are my first cousins)—small world!

One thing I found interesting was they didn't fly Young Eagles during the event—it was an all-hands on deck in the kitchen which had me ponder if we should try a similar approach. Their kitchen was packed with support, but that paled in comparison to the scores of fly-in and local traffic they drew in each day.” – *Ray Franze*

