



February 2022

Heart of Ohio
EAA Chapter 402



Meeting Tuesday Evening, February 15th

It's Winter (as if we didn't know) and will be too cold to grill out so Rollie says we will probably have Pizza. Some items on the agenda: 1) proposal on Learn to Fly Day May 21st. 2) VMC club, shall we have one? 3) update on Young Eagles program. 4) chapter scholarship. 5) Ray Aviation scholarship. Potluck is at 6:15pm and meeting promptly at 7:00pm.

EAA National Dues

In a recent Chapter Video Magazine, EAA National described the new changes to the Annual Dues. This table lists the old and new rates; be aware that the new rates take effect May 1, 2022 and if you pay before that, you can use the old, or current rates, which have apparently not changed in 23 years. Note that the Lifetime rate is unchanged, but you do get \$10 credit for each year of membership, up to 10 years, \$100.

Subscription	Current (Old) Rate (\$)	New Rate (\$)*
1 year	40	48
3 years	99	119
5 years	159	189
Lifetime	1295	1295

*New Rate effective May 1, 2022

Submitted by Ken Hughes

Chapter Dues

Our dues year is from January 1st through December 31st so dues are now due. See sidebar for details on how to pay. Dues are \$15 for individual and \$25 for family. Some members are paid ahead a year or two so check with the treasurer or secretary if you are

Chapter 402 Meeting Dates and Locations

- February 15, 2022
- March 15, 2022
- April 19, 2022

Chapter 402 Clubhouse
520 Heath Road
Heath, Ohio 43056
EAA402@gmail.com

Methods To Pay Dues:

Preferred method is to pay dues on the chapter website <https://chapters.eaa.org/ea402>, Join-Renew page, select the proper option and Buy Now.

Or mail check to:

EAA402
Attn: Treasurer
520 Heath Road,
Heath, OH 43056

EAA 402 Officers

President

Bernie Volpe
614-260-0509

Vice President

Roland (Rollie) Bailey
740-334-2963

Treasurer

Scott Kennedy
614-832-6737

Secretary

Tom McFadden
740-587-2312
cell 740-323-6994

EAA 402 Board of Directors

In addition to the chapter officers the following are members of the chapter board of directors:

Ken Hughes
Robert Marriott
Leota Lane

unsure of your dues status.

Adventures of Wing-Rigging

Recently, our Experimental, Amateur-Built RV-9A became



unstable on the roll axis. In normal cruise flight, the airplane tended to roll left, and would not recover to straight and level flight without right pressure on the stick. The airplane is equipped with a spring-loaded aileron trim system, so we first reset the aileron trim system to the original drawing specifications. Calibrated test flights showed that the airplane still would roll left to 30 degrees bank in about 4 seconds when the stick was released in level flight with full opposite aileron trim.

In consultation with our Technical Advisor, he suggested that we determine the angle of incidence across the left and right wing sections, as well as the relative position of the wing flaps and ailerons. After detailed measurements, we determined that the entire left wing had a 0.3 degree positive angle of incidence, compared to the right wing. Theoretically, and with all other rigging correct, this would result in a roll to the right. Looking closely at the alignment of the flaps, using a long straight-edge placed on the upper wing camber, we determined that the left flap was aligned 4/16 inch upward and out of plane with the wing surface. Conversely, the right flap was aligned 2/16 downward, again out of plane with the wing surface, but in the opposite, "lifting" direction. Thus, the misaligned flaps would account for the tendency to roll left.

At the February Chapter meeting, Ken Hughes will describe the initial adjustment made and the result of our first test flight.

Submitted by Ken Hughes

Introduction of Leota Lane

Hello everyone! My name is Leota and I am 19 years old. My aviation journey began with a young eagles flight at Newark. After that, I went to Air Camp where I learned a lot more about airplanes. When it came time to look at college programs, I was advised to get my private before college even if I was going for a flight program. About half of my junior year and then all of my senior year of high school I was in flight training. I was lucky enough to attend OSU Newark full time and then go to my flight lessons after class. I received my private in November of 2020 after a gap in my training due to Covid.

I then decided to go to Columbus State for their Aviation Maintenance Technology Program. I am currently in the program with plans to graduate at the end of this summer with my associates. Over winter break, once I returned from Alaska, I studied and passed my general, airframe, and instrument written tests before returning to class. I am studying for my oral and practical portions for airframe and general now, and plan to test for those in the next month or so. I have started my powerplant classes and am excited to see where this journey takes me. I appreciate all of the support I have received from this group, and hope to continue building time, with the plan of tackling instrument and commercial this summer. While this picture is not from school, we had first done fabric stitching the day before. I had driven overnight to Oshkosh with my dad and this was my proof to my professor that I was still learning even though I was skipping class.

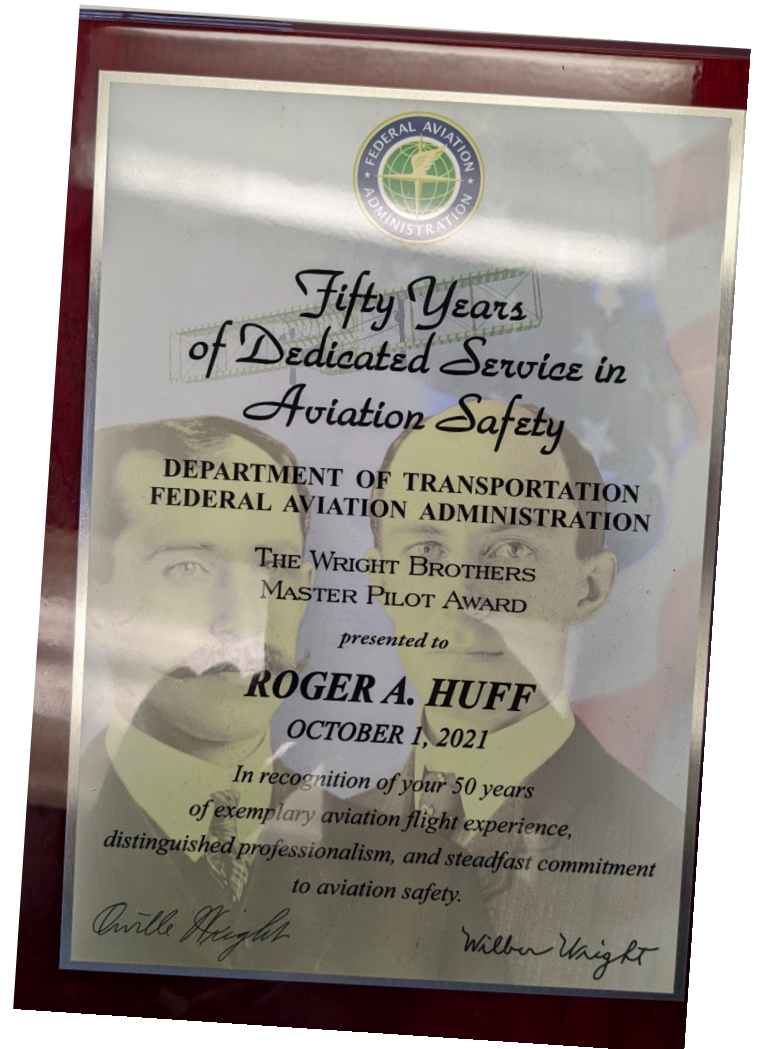


Heart of Ohio Fly-Outs

Fly--outs are the 1st Sunday and 3rd Saturday of each month, and usually depart from Newark/Heath Airport (VTA) at 8:00 am unless otherwise indicated below. Contact Rollie Bailey, Fly--Out coordinator, for more information.

Master Pilot Award

Sam Huff, one of our Technical Counselors, was presented with the Wright Brothers Master Pilot Award on December 20, 2021.



This issue of the newsletter was edited and published by the secretary, giving Wendy Hollinger a break.

Thanks to Chris Anderson for the photos.

Reminders from the Secretary

EAA402 **Website:** <https://chapters.eaa.org/EAA402> (or just search for EAA402.org) It's new, take a look.

EAA402 **Email address:** ea402@gmail.com

Checked daily by Secretary

Roster Access: <https://eaachapters.org>

Login: FirstnameLastnameEAA402, Password: "mustang" (Read-only except for two officers.) If the login doesn't work for you please contact the Secretary.