

Chapter 732



October 15th Meeting

Wedington Woods Airport

1:00 Potluck

1:30 Meeting

Send newsletter items to: ea732newsletter@gmail.com





September Meeting

A Message from Chapter 732 President



Hello all. Our meeting will be at Wedington this month. It sounds to be a little cooler. We will have a couple of projects to look at. Randy's Zenith 750 and Gerald's Peit. National has started a new education program that is designed to go along with Young Eagles. I'll have the literature they sent out for people to look at. I was contacted by the OZ Flying club about doing some joint get togethers next year. We'll see what comes of that. The meal I've been told is spaghetti and lasagna. Bring a side or dessert or just yourself and join us.

Thanks Rich

EAA Chapter 732 - Treasurer's Report, October, 2023

Period: 09/19/2023 – 10/09/2023

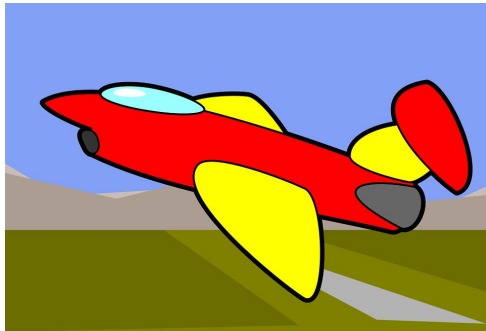
Previous Balance: \$2,182.30

Deposits: \$ 10.00 T shirt sales

Withdrawals: \$ 0.00

Current Balance: \$2,192.30

Randy Doughty
EAA Chapter 732, Treasurer



Hello everyone. Just a gentle reminder that it is not too late to pay your 2023 chapter member dues. Dues are still only \$20. You can pay your dues at the October chapter meeting or you can send me a check.

If paying by check, make the check payable to:
EAA Chapter 732.

Send check to the address below.

I look forward to seeing you at the upcoming meetings.

Randy Doughty
EAA Chapter 732, Treasurer
15939 Windsock Ln
Fayetteville, AR 72704
479-426-7922

Chapter Video Link and More

October Chapter Video

<http://eaa.brightcovegallery.com/chapters>

Watch "Van's RV-9A Flying!" on YouTube

Submitted By Todd Sullivan

https://youtu.be/B_GnxDQtMwY?si=IlamJ4zFVWtdikv4

Lost Bridge Fly-in *Submitted By Xander Sullivan*

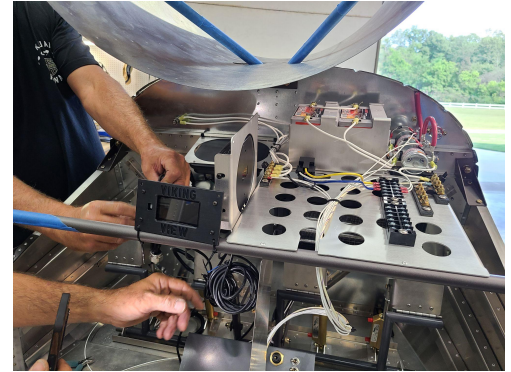
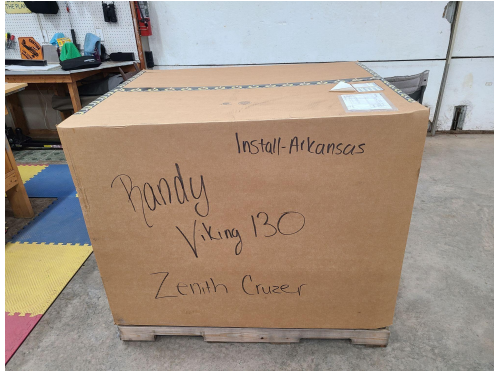
<https://youtu.be/uUc7s26h3vY?feature=shared>

Watch "Around the Traffic Pattern at Drake Field" on YouTube. *Submitted By Todd Sullivan*

https://youtu.be/hLp4vv_aXWU?si=f6j1tRNrjSkTZ2Mp

Photos from the Viking Engine Install

Submitted By Randy Daughty



Computer Aided Drafting /Design Submitted By Steve Bray

In this article I will present a short overview of using CAD (Computer Aided Drafting/Design) tools at little or no cost to enhance aviation interests. If you were to design an aircraft from scratch the benefits of CAD would be obvious. However, most of us are either building/flying experimental aircraft assembled using plans and/or a kit where most of the design work has been done by others. For those of us who fly commercially available aircraft it might seem that there is no room for owner created design, but that is not necessarily true.

Several years after finishing an Associate degree in CAD at NWACC following my retirement from a career in information technology, I recently broke down and purchased a 3D printer during Amazon Prime days. My first useful creation was non-aviation related. I designed and printed a replacement for the busted spring-loaded button on the meat slicer I use to make beef jerky. I went bare-bones on my instrument panel/console, so the first aviation themed creation was a custom N-Number plate to replace the label-maker tape. I have been continuing to create panels/plates to enhance the appearance and labeling of instruments and switches in my plane. I'm also working on a bird-resistant gap cover for the slot in the bottom cowl around the nose strut.

For several years, an EAA benefit has been free access to sophisticated and robust CAD software. Until recently, the software was SolidWorks™, but has recently switched to Solid Edge™. Despite the similarity in names, the two products are from separate companies and have significantly different user interfaces.

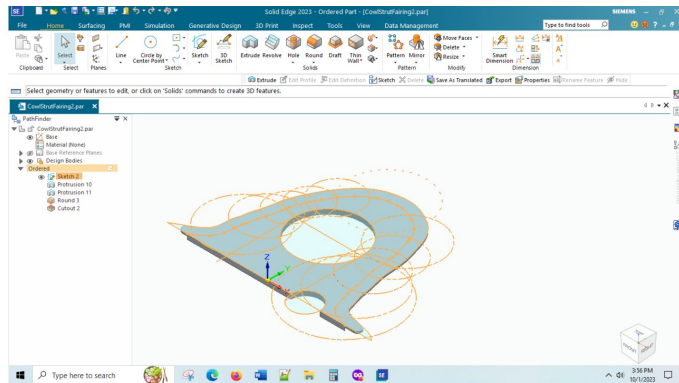
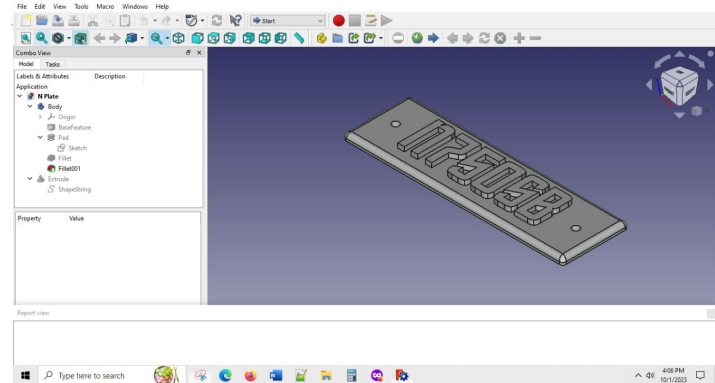


Figure 1- In-progress cowl gap fairing in Solid Edge



Both products are also available in paid versions for commercial use. In addition, various free, public domain packages such as FreeCAD® offer similar capability without the limitations that non-paid

Figure 2-N-plate design in FreeCAD. For this and other plates that include raised printing, I pause the print and switch filament colors when the printer gets to the text.

versions of commercial software (including the Solid Edge™ product) impose. Whichever product you choose, you will be able to save and work on your designs, make changes, and eventually export the design as either a 3D file for printing or standard drawings (i.e. blueprints/plans). You could, for example, design your entire panel, export it, and send it to a 3rd party to be cut. In my case, since everything is a retro fit, I take measurements and transfer them into the design.

In the case of 3D printing, you will probably want to take the output from your CAD software in the form of a STL file. The STL file defines your creation as thousands of tiny triangles. The STL file will need to be Figure 3-Landing Light plate after slicing processed by “slicer software” to tell a 3D printer what to do. Generally, slicer software will come with your 3D printer and reflect the specific capabilities of that 3D printer. The slicer does what it sounds like, it converts the STL information into a series of instructions that tell the 3d printer how to build each of hundreds of thin slices that will make up your creation. You can also do such things as tell it to save material by building a honeycomb structure internally instead of solid material, print supports for overhanging parts of your object that are not adequately connected from below, and orient the model on the printing platform. The output of the slicer software is a “GCODE” file which is input to the 3d printer.

Most 3d printers for home use utilize rolls of thin filament which are melted and extruded from a nozzle to build up layers into the final model. Filaments come in just about any color or material you can think of within the capabilities of your printer. I ordered a 2kg spool of white PLA filament from Amazon for about \$39. PLA is cheap, easy to print, rigid, sandable, and paintable. It is also brittle and not weather/chemical resistant, so I use it for printing figurines for my wife and test prints.

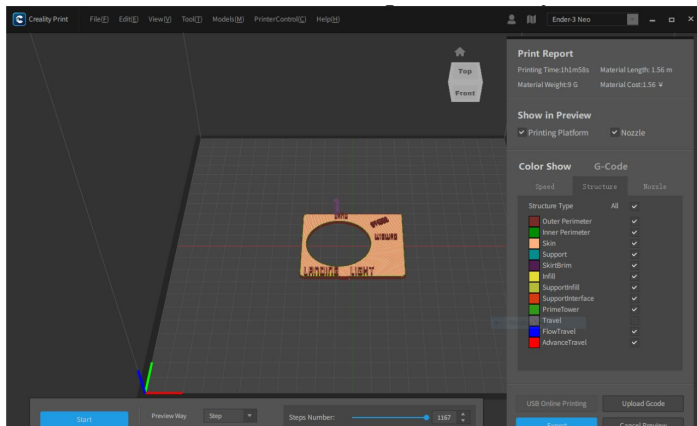


Figure 4- Ender-3 Neo 3d printer working on a casing for my Garmin G5

I also bought smaller 1kg spools of ABS filament in a few colors at about \$24 each. ABS is more pliable and has better resistance to water and chemicals. In addition, a glossy surface can be created by exposing the finished model to acetone vapors.

If you don't have access to a 3d printer, there are 3rd party services which will accept your STL file and deliver a 3d print in your desired material. You can also visit the NWA Fab Lab which offers public use of 3d printers and classes.



N322RV Paint Job submitted By Fred Fallis

N322RV HAS FINALLY BEEN PAINTED

My RV-9A has been in the paint shop(Mena Aircraft Painting) since early August and was finally ready to inspect and hopefully fly home on Tuesday, September 26. I had driven to Mena the day before and installed the elevators, rewired the electric trim tab, and wanted to inspect the paint job and do a post paint flight to verify all controls were working properly. I finished installing the elevators and doing the rewiring needed by 3 pm and was ready for the post flight. Since I hadn't flown in nearly 2 months, I was sure I would be a little rusty during takeoff and I reminded myself to follow the checklist closely. I lined up on 27, advanced the throttle and was amazed at how fast takeoff speed was attained. Boy, this paint job has made my airplane slicker looking and faster. But in reality, she flew just like before but sure did look a lot better with her new paint job.

Bud Keil had offered to fly me to Mena the next day, Tuesday, in his RV 4. We agreed on a departure time, and he would pick me up at KFYV and then fly to KMEZ. Bud's departure was delayed by low lying fog by about an hour, but we still got to Mena at a decent time. I wrote the big check to pay for the paint job. Bud and I flew in loose formation back to our home airports and I really enjoyed having Bud as my wingman for most of the trip. Bud had his 360 camera taking video on our return trip and it can be viewed on his YouTube channel. No problems were encountered on the flight home. I have flown three young aviators on YE and STEM flights since then and hope to do many more. Getting the paint job completed is hopefully the last major expense I will incur for N322RV for a long time.

Many thanks to Bud for flying me to Mena(think "American Made" movie) and escorting me back home.



When You Need to Fly Somewhere!

October 14 - Golden, MO - Table Rock Airport (MO32) United Flying Octogenarians (UFO) area meeting at Depot Diner. Lunch meeting in the theater adjacent to the Diner. Program will be the about Aviators Direct - a new aviation insurance company for older pilots. Most aviation insurance companies are either cancelling us older pilots or pricing their products so high that coverage is unaffordable. The Aviators Direct company plans to provide an alternative because they know we didn't get old by doing stupid things in an airplane.. The UFO organization is open to pilots aged 80 and above. <https://www.ufopilots.org> There is a UFO Auxiliary wing that is open to younger pilots aged 75 - 80. <https://www.ufopilots.org/auxiliarywing> We encourage everyone in, or close to, those age groups to attend this meeting. We would like to have a head count for planning. If you think you might attend, please email or text me. For Information - Call Andy 870-365-6680

October 14 - Star City, AR - Star City Municipal Airport (55M) Enter a pot of chili (team) for \$50.00 General admission to eat is \$8.00. Ages 10 and under \$3.00 Judging is 11 am to Noon. lunch is 12 to 2 pm. Awards will be announced during lunch. For questions call Matt (870) 329-0484

October 14 - Walnut Ridge Regional Airport (KARG), 81st Anniversary Celebration of WWII Walnut Ridge Army Air Field. Fly-in Breakfast, 8:00—9:15. FAA Safety Meeting, 9:30 - 10:30. (Door Prizes.) PT-22 Rides Available beginning at 9:30, weather permitting. (Book online. Request Flyer for details.) 12:00—1:30, Cookout, Hamburgers, Hot Dogs, Drink and Chips. (Cookout \$5 donation, Veterans, FREE.) 12:00—2:00, Live Music 4:00—5:00, Reception, 5:00—Dinner (Adults, \$15 donation, Students, \$10, Veterans, FREE) 6:30—8:00: Program. Guest Speaker, Bobby Thatcher, Major, USMC (Retired). For information, or Flyer, contact Harold Johnson, 901-828-2257 or harold@bscn.com

andya@diamondcity.net



October 20 - 22 - Gassville, AR - Roller Field (6 miles west of Mountain Home on Hwy 62 GPS: 36.2753 / 92.4872) Fly in, drive in, camp & fly. Plenty of camping room and parking. The field is 2,500 smooth grass. Breakfast each day (donation). Lunch Saturday (donation) All chutes, planes and flying machines welcome.
Phone: Jim Baker - 870-421-9351

October 21 - Berryville, AR - Carroll County Airport (4M1) 3rd Saturday BREAKFAST EVENT!! 8:00 - 10:00 AM. Farm fresh scrambled eggs, sausage patties & links, flapjacks, sweet tea and always a bunch-o-sweet treats made by the airport wives...\$10.00 suggested donation. Contact: 870-423-8393.

October 21 - Pine Bluff, AR - Grider Field Airport (KPBF) fly-in breakfast 3rd Saturday of every month. Our specialty is eggs anyway you want them, from fried to eggs Benedict. You should try our omelets. Come enjoy your breakfast in our WWII style Officers Club. A \$8.00 donation gets you all you can eat. Contact: Sara Works (870-543-9933) email: works_sara@yahoo.com

October 21 - Garnett, KS - Garnett Industrial Airport K68 - Fall Garnett Flyin and Breakfast. 7 am to 10:30. Pancakes, sausage, coffee and juice. \$5 suggested donation. All donations go to Church of the Nazarene Youth group. Any questions, call Pat at 785-448-6931.

October 28 - North Little Rock, AR - North Little Rock Municipal Airport in (KORK) EAA Chapter 165 4th Saturday Breakfast. 8:00 until 10:00.

November 4 - Blytheville Arkansas- Arkansas Aeroplex (KBYH) National Cold War Center Fly in or Drive in. 9 Am-4 PM Tuskegee Airman exhibit, NATA Formation Flying Clinic, USAF Static Displays , several P-51s on static display, Russian L-39, several Cubs, free Blytheville Air Force Base Exhibition Tours, great food and more.....questions call Barry 870-780-5871
Email: barrett10@sbcglobal.net

EAA 732 is inviting you to Recurring scheduled Zoom Meetings.

Topic: 732 meeting

Time: 01:00 PM Central Time (US and Canada). Every month on the Third Sun, until Dec 20, 2026, 47 occurrence(s)

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| Oct 15, 2023 01:00 PM | Jan 21, 2024 01:00 PM | Jan 19, 2025 01:00 PM | Jan 18, 2026 01:00 PM |
| Nov 19, 2023 01:00 PM | Feb 18, 2024 01:00 PM | Feb 16, 2025 01:00 PM | Feb 15, 2026 01:00 PM |
| Dec 17, 2023 01:00 PM | Mar 17, 2024 01:00 PM | Mar 16, 2025 01:00 PM | Mar 15, 2026 01:00 PM |
| | Apr 21, 2024 01:00 PM | Apr 20, 2025 01:00 PM | Apr 19, 2026 01:00 PM |
| | May 19, 2024 01:00 PM | May 18, 2025 01:00 PM | May 17, 2026 01:00 PM |
| | Jun 16, 2024 01:00 PM | Jun 15, 2025 01:00 PM | Jun 21, 2026 01:00 PM |
| | Jul 21, 2024 01:00 PM | Jul 20, 2025 01:00 PM | Jul 19, 2026 01:00 PM |
| | Aug 18, 2024 01:00 PM | Aug 17, 2025 01:00 PM | Aug 16, 2026 01:00 PM |
| | Sep 15, 2024 01:00 PM | Sep 21, 2025 01:00 PM | Sep 20, 2026 01:00 PM |
| | Oct 20, 2024 01:00 PM | Oct 19, 2025 01:00 PM | Oct 18, 2026 01:00 PM |
| | Nov 17, 2024 01:00 PM | Nov 16, 2025 01:00 PM | Nov 15, 2026 01:00 PM |
| | Dec 15, 2024 01:00 PM | Dec 21, 2025 01:00 PM | Dec 20, 2026 01:00 PM |

Please download and import the following
iCalendar (.ics) files to your calendar system.
Monthly: [Click link for monthly calendar:](#)

Click link to join Zoom Meeting:

[Join Zoom Meeting](#)

Meeting ID: 870 0511 5133

Passcode: 876706

One tap mobile

+19294362866,,87005115133#,,,,*876706#

US (New York)

+13017158592,,87005115133#,,,,*876706#

US (Washington DC)

EAA T-shirts and Patch for Sale



\$10



\$5

WEALTH

Paul Howard Poberezny

PAUL HOWARD POBEREZYNY

“As a result of EAA, I have become a millionaire because I have a million friends through aviation.”

Send your newsletter items to:
eea732newsletter@gmail.com

