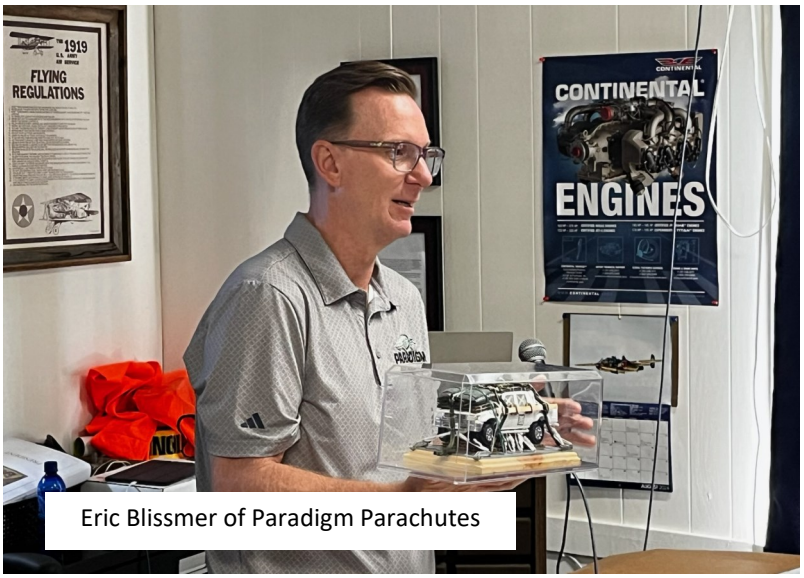
EAA 485 SEP. 2024

HOME OF THE "PANHANDLE PELICANS"

PRESIDENT'S NOTES: Contact: Ralph Moser

PRESIDENT'S NOTES SEPTEMBER 2024

Our August meeting guest speaker was Eric Blissmer, COO of Paradigm Parachutes and Defense. His presentation showed the depth of the aviation industry in the Pensacola area, and was informative and well-received. See photos.



Eric Blissmer of Paradigm Parachutes

After the August meeting, our first attempt at a rummage sale made $80 for the chapter, selling items from the Baker estate. Also some of us with personal items on sale made a little cash as well. It only took about 15 minutes to set up. If you think we should run another one of these in the future, let me know.

We will do the formal presentation of the Anonymous Donor scholarships at the Sept. 14th meeting. I personally delivered thank-you letters from each of them to the anonymous donor recently. Ethan Smith and Cody Stebbins are moving right along in their flight training and written exam prep, while Sean Londrigan has the written completed but awaits approval for his FAA medical to start flying.

Craig Spoke, Mark Rogers, and I provided two ground training sessions (7.5 hours total) this past month to help prepare Sophia Almond, Ethan Smith, and Cody Stebbins for their FAA Private Pilot written exam. I also provided VOR ground and inflight training for them in the 182.

The Zenith 601 kit donation we received in June is paying HUGE dividends for the chapter. As you recall, it included some extra items including a Jabiru 3300 engine, McCauley propeller, and Grove brake set. Thanks to the efforts of Scott Miller and Duane Thiessen, the engine was sold Aug. 25th for $2000. It had not been run in 20 years, and had some internal corrosion, so that was a good price. The buyer bought it for spare parts for a similar one he owned. And then the same buyer also paid us $5000 for the kit, and picked that up Sept. 3rd. We still own the brake set and propeller, and expect to sell them in the near future. Woo-hoo!

President's Notes Cont.

Last but not least, two chapter members hit aviation milestones recently: Tanner Matheny is now a CFI, and Cody Rhoades is a Commercial Pilot!

Our very own Dr. Angus Rupert will be guest speaker at the September 14th meeting. I gave him free rein on subject material, so let's see what he comes up with! Pizza to follow!

See you at the September meeting!
—Ralph

EAGLES Program

EAA 485, it's becoming that time of year again. We are prepping for events that we hope to grow our chapter and our communities' love for aviation. Starting this month, Sep 21 at 9:30am we will hold our first EAGLES program. This program will start off with a 30–45-minute presentation here at the clubhouse. After the presentation we will pair up one pilot/aircraft to one participant and fly to PQL. The staff at Southern Sky Aviation will open their restaurant to host our lunch. Lunch will be provided to our participants and pilots with special thanks to Pensacola Air Flight School for sponsoring the lunch. Once complete we will fly back to 82J to complete the program.

If you have someone that might be interested in participating in the program, please have them visit EAA 485 Eagles Participant Registration (google.com) and fill out the quick survey. The number of participants is limited to the number of pilots/aircraft we have.

If you are a pilot and would like to volunteer to fly during this time, please go to this link and register.

Pilots Form (google.com)

—Eric Goldman

Sep 28
Big Easy Wing Autumn Fly-in
New Orleans Lakefront Airport (KNEW)
https://bigeasywing.org/

NEXT PAGE!

Mark your calendar - The Big Easy Wing of the Commemorative Air Force, along with EAA Chapter 261 and the Golden Eagles, is hosting their Autumn Fly-in on Saturday, September 28th. It is a gathering for aviation enthusiasts and an opportunity to learn about Houma's military museum and its role in WWII.

AVIATION SCHOLARSHIP NEWS

WAI Launches 2025 Scholarship Program

The 2025 Women in Aviation (WAI) scholarship program is open. Scholarships are being offered for flight training, engineering, maintenance, dispatcher, and professional development for individuals in all stages of life. The deadline to apply is October 11, 2024. Applicants for the WAI 2025 scholarships must be a member of WAI by October 1, 2024. Applicants may apply for up to three scholarships. Details of each scholarship, application requirements and FAQs, plus tips for submitting a winning application can be found **here**. Most scholarship recipients will be notified by the end of 2024, and all will be celebrated during the 36th Annual Women in Aviation International Conference in Denver, Colorado, March 27–29, 2025. More **here**.

Saturday, August 10th, 2024

- VMC Club Meeting
  - Improper fuel planning
- IMC Club Meeting
  - Oil leakage
- General Membership Meeting
  - Officers Reports
    - Three Ray Scholarship equivalents were anonymously donated to pay for three students' flight training.
    - We are potentially starting an Eagles program.
  - Ray Scholarship #9 Presentation
    - Kaydee MacDonald was presented with her Ray Scholarship Check.
  - Guest Speaker
    - Alexander Alvarado, CEO of Paradigm Parachute and Defense

—Jacob Abston, Secretary

Ray Aviation Scholarship report for July

There is a new private pilot in our ranks. **On August 7, Kaydee Macdonald passed her checkride.** Kaydee is our chapter's 8th successful Ray Scholar. Congratulations and way to go Kaydee.

Samantha Watkins is getting closer to completing her instrument training. She is flying as often as weather and time permits.

Sophia Almond has jumped into her flight training with both feet. She is flying as often as she can (two or three times per week) along with studying for the written. She is taking her flight training at Lightning Aviation in Foley, AL.

—Craig Spoke

Big Easy Wing Autumn Fly-In

In Conjunction with EAA Chp 261 & N.O. Golden Eagles

Saturday, September 28, 2024
9:00 AM to 2:00 PM

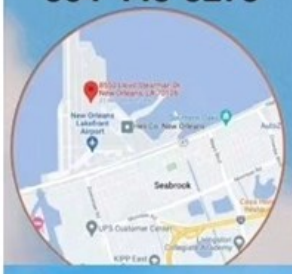
Purchase Stearman Flight Tickets Here

BEW Hangar@KNEW

504-445-5275

Enjoy Coffee and Donuts while socializing followed by a seminar

Delight in Chef Kevin's Burgers and Dogs along with Chips, Drinks & Cookies Cost $15



50/50 Raffle
Take home half the money
Plus a BEW T-Shirt

These replica Warbirds are a MUST SEE
Come check them out for yourself.

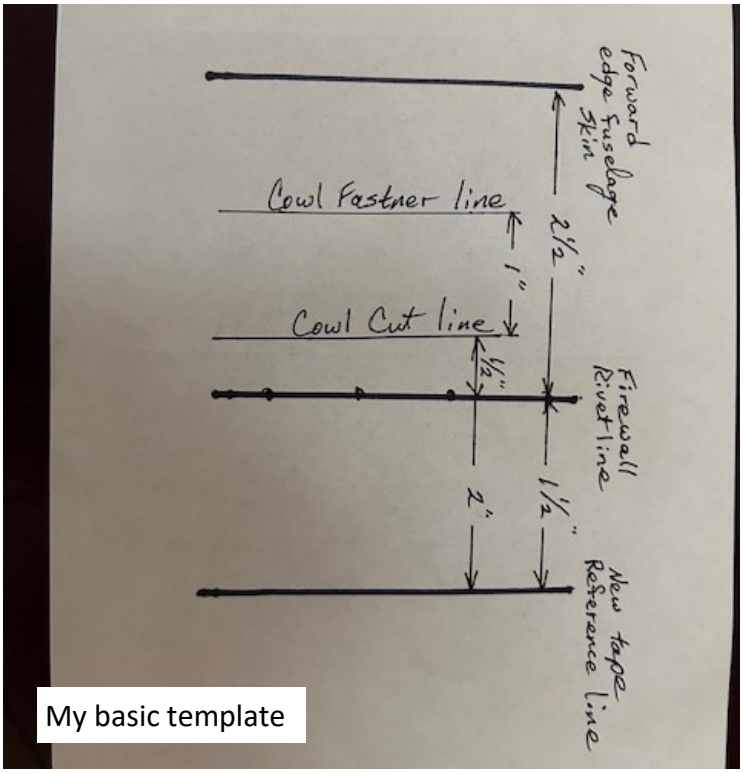
After a relaxing lunch, **Will Theriot, President of the Regional Military Museum** in Houma will give us a short presentation on the museum followed by an introduction to the Houma Blimp base used to defeat U boats in the Gulf of Mexico.

Sponsored by Grayson Data Services and Captain Zoerner

DRANO'S ZENITH 750 Update

FLABERGLASS

Every aircraft build project has some phases that are more enjoyable than others. For me, one of the Least enjoyable parts of building is flaberglass work…… i.e. fiberglass. It is dusty, itchy, sharp, often awkward and just otherwise unpleasant and when you are dealing with fairings and cowling, both the fit and the cuts are very important. To accentuate all the ill characteristics of the stuff, just wait till July or August heat and humidity to reap the full potential of the fiberglass experience. Ugh. I tip my hat to people like our own Mark Rogers who built an entire aircraft fuselage and wings out of fiberglass.



My basic template

Any fiberglass pieces provided in a kit are bound to be oversized and require fitting which in turn requires cutting, filing, sanding, and shaping often multiple times to get it right. The purpose of this article, however, is not to dwell on the discomforts of the stuff but rather on how to fit a cowling made of the stuff. The cowling pieces are big, stiff and awkward so it takes time, patience, and holding your tongue just right to get it just right.

ANCHOR that top cowl!

Let me step back first and point out that there are different ways cowlings can be mounted and different fastener options to choose from but in the homebuilt community, it basically comes down to the cowling overlapping the forward fuselage aluminum skin (like a Cessna or Piper), or the fiberglass cowling matching edge to edge with the foreword fuselage metal like on a Van's aircraft. The first approach mentioned is easier, the second is more exacting and much cleaner but both require careful cutting and fitting. The Zenith plans were pretty thin on how to do this so I reverted to the Van's plans on approach to basic fitting but with an overlap…… without the Van's edge to edge precision.

FLABERGLASS cont.

The trick is to find the "Known-Knowns" first in order to determine the unknown cut line. I started by carefully centering the upper cowl over the engine and anchoring the forward portion relative to the propeller nose cone backing plate and the gap I wanted between it and the forward portion of the cowl. This is an important anchor reference point that I checked many times during the process. Next, I made a template of two "knowns" for the rear of the cowl, the forward edge of the fuselage metal and the rivet line holding the firewall in the fuselage. Obviously, any rear edge of an overlapping cowl will be aft of the forward edge of the fuselage skin and forward of the rivet line which defined the position of the firewall. But remember that the excess fiberglass material that comes with the cowl is covering all these "knowns" so you can't measure from them. So, I just established a new "known" position using tape and fixed line farther back on the fuselage a known distance aft of the rivet line. This becomes the reference from which I would measure forward for where I wanted the cut line to be positioned on the rear of the fiberglass cowl.

Lest this process start sounding like trying to find the square root of the hypotenuse, I simply anchored the top cowl, carefully positioned the bottom cowl and taped it to the top, then measured forward from my new reference line to determine my desired cut line on the oversized fiberglass cowl. Did I mention that I begged one of our EAA Chapter members to come help me manhandle this puppy into position and that we checked measurements and fit about 30-40 times?

Talking to other Zenith builders, I had decided on the KISS (Keep It Simple Stupid) principle regarding fasteners. I am using 10-32 Truss head screws and nut plates. So far it has worked out well and I continue to believe this thing will eventually fly but I will keep you informed.

—Drano

Cutting Flaberglass in August!

Yup, fits.

This plane has quite the "snoz" for as little as it is.

AIR VENTURE OSHKOSH 2024 – ANOTHER RECORD YEAR

FACTS AND FIGURES FOR A RECORD-SETTING YEAR

Attendance
Approximately 686,000 – Highest total on record! (Previous: 677,000 - 2023).
"We had record-setting totals of campers, exhibitors, volunteers, and more. It was also a challenging year at times with weather, logistics, and other factors, which makes me even more proud of the efforts by our volunteers and staff to organize an outstanding event."

Total Aircraft
More than 10,000 aircraft arrived at Wittman Regional Airport in Oshkosh and other airports in east-central Wisconsin. At Wittman alone, there were 16,780 aircraft operations in the 11-day period from July 18-28, which is an average of approximately 113 takeoffs/landings per hour when the airport is open.

Total Showplanes
2,846 including: 1,200 vintage aircraft, 975 homebuilt aircraft, 337 warbirds, 154 ultralights and light planes, 82, aerobatic aircraft, 65 seaplanes and amphibians, 52 aerobatic aircraft, 23 rotorcraft, and 10 balloons.

Camping
More than 15,000 sites in aircraft and drive-in camping accounted for more than 40,000 visitors.

ANOTHER RECORD YEAR (Cont.)

Volunteers
Nearly 6,000 contributing in excess of 250,000 hours.

Commercial exhibitors
861 (record number).

Forums, Workshops, and Presentations
More than 1,600 sessions hosted during the week at 65 venues.

Social Media, Internet and Mobile
More than 24.7 million people were reached by EAA's social media channels during AirVenture, with engagement of 3.7 million; Total social media video views: 17 million (up 149 percent over 2023); Over 47,000 social media followers gained; More than 142,000 hours of viewing EAA video clips online also occurred during the event.

International guests
A total of 2,581 attendees registering at the International Visitors Tent from a record-setting 98 countries outside the U.S., a 9 percent increase over 2023. As a significant number of international visitors do not officially register at the tent when they arrive, the actual international visitor total is much higher.

The Gathering shines
The EAA Aviation Foundation's annual event to support its aviation education programs attracted more than 1,000 people and raised a record $2.8 million dollars that will be focused on EAA's mission of growing participation in aviation.

Media
836 media representatives on-site, from six continents.

Economic impact*
$170 million for the five counties in the Oshkosh region (Winnebago, Outagamie, Fond du Lac, Calumet, and Brown). * - based on 2017 University of Wisconsin Oshkosh economic impact study

AirVenture 2025 Outlook
"We've already received plenty of ideas for next year and a little bit later this summer, we'll begin reviewing what might be possible for 2025. Our annual goal is to create a gathering of people and airplanes that is found nowhere else in the world, and continue to improve the experience for EAA members and visitors."

September 2024

EAA and Local Chapter Sites

EAA 485 | EAA 1265

EAA HDQTRS | EAA 108

Interesting Links

Blue Angel 360 Way cool

Making the First Airbus 220 Time Lapse

Jetman Unleashed in Dubai

Boeing 737 Time Lapse Build

F-18 Low Level

High Speed Carrier Maneuvering

Miscellaneous

1800wxbrief.com

FAA Notams

Barnstormers

Skyvector.com Flight Planning, Charts

AirNav.com Airport info, Fuel Prices

2024 Officers and Committee Chairmen

President: Ralph Moser
(847) 736-4603

Vice President: Mark Rogers
Tech Counselor (251) 228-0356

Flight Advisor:

Secretary: Jacob Abston
(251)424-5004

Treasurer/Membership: Scott Swanson
(309)267-9710
711 Marlinspike Dr.
Pensacola, FL 32507

Ray Scholarship Coordinator: Craig Spoke
(251) 550-5795

Young Eagles Coordinator: Eric Goldman
(317) 910-2513

Webmaster: Doug Francisco
(850) 453-5501

Normally meetings will be held at Roscoe Field Airport **(82J) (Uni 122.8) on the Second Saturday of each month at 10:00 AM unless otherwise posted. If flying in, check NAS Pensacola (KNPA) NOTAMS for possible TFRs and the Roscoe Field Airport website under the Arrivals tab for important arrival and departure information.**

Driving: From Hwy 98 go past the main airport entrance and take the next left. Go thru the gate and make a left on the gravel road. Make a right past the T hangars you'll see our building down on the left side. Anyone interested in sharing general aviation, aircraft building, maintaining and restoring is welcome.
For more info contact:

Ralph Moser (847) 736-4603

September 2024

EAA 485 news

Home Of The PANHANDLE PELICANS

EAA 485 Pensacola, FL

Get Your Chapter Ballcap

We have ballcaps with chapter logo for sale for $20. Get yours before the price hike. The next batch will be more expensive so don't wait!

Upcoming Events

(CHAPTER EVENTS IN CAPS):

September 21st, EAGLES FLIGHTS, EAA "Flying Start" Event.

September 23-29th, Triple Tree Aerodrome Annual Fly-In, Woodruff, SC (SC00)

October 5th, 10:00-2:00. "Flying High and Cruising Low" Fly-In/Car Show at PQL

October 19th, FALL YOUNG EAGLES RALLY

November 1-2, Blue Angels Homecoming Show

November 16, Girls in Aviation Day, NAS Museum Atrium

Chapter Meetings:

Saturday, September 14th, 2024

08:30-09:30, VMC/IMC Club Meeting.

10:00-11:00, General Membership Meeting.

- **Pledge**
- **Guests**
- **Officers Reports: President, Vice-President, Secretary, Treasurer/ Membership**
- **Young Eagles – Eric Goldman**
- **Ray Scholarship – Craig Spoke**
- **Member Build Projects Update**
- **Guest Speaker: Dr. Angus Rupert**
- **Adjourn**

(Dining Room) Pizza and Snacks (Thanks to Cody Rhoades). Air Venture Slideshow on TV.

CHAPTER DUES: Chapter dues are due for members who have not already paid their dues for 2024. Dues are $25 per year and can be paid during the meetings or mailed to Scott Swanson.

Scott Swanson
711 Marlinspike Dr.
Pensacola, FL 32507