



PROPWASH



EAA Chapter 766

January 2025

January Meeting

EAA Chapter 766 members and visitors are encouraged to attend the **January 20** meeting. One of the members will provide the main meal and others will bring a dish to pass. "Hanger Talk" with lunch will begin at 6 pm. The August meeting will begin at 7 pm followed by an interesting program.

In this Newsletter

Information	1
EAA Chapter 766 Information	2
Aviation Heritage Center	3
EAA Information	4
EAA Homebuilders	5
EAA Homebuilders Schedule	6
FASSTeam Safety	7
Happy New year / Chapter 766	8
Submissions / Future Meetings	9

Sheboygan County Memorial Airport - KSBM

Elevation - 755.2 ft. CTAF/UNICOM - 122.7 Pattern Attitude - 1555.2 ft. Wind Indicator - Yes

Runway 4 / 22 (037 / 217 Magnetic)
Dimensions - 6800 x 100 ft.
Surface - Grooved Concrete
Traffic Pattern - Left

Runway 13 / 31 (132 / 312 Magnetic)
Dimensions - 5002 x 75 ft.
Surface - Asphalt
Traffic Pattern - Left



Airplane Maintenance Services at Sheboygan County Memorial Airport
Service hours are from 8:15 a.m. to 4:45 p.m. Monday through Friday. The shop number is 920-215-0092 with 24/7/365 after-hours available at 920-215-1031 by phone or text.



Please "like" EAA Chapter 766 Sheboygan Falls WI



EAA Chapter 766 Holiday Party

The EAA Chapter 766 Holiday Party will be January 11, 2025 at Chris & Sue's on County Road C, Plymouth, WI. The Dinner Buffet will begin at 6:00 pm.

EAA Chapter 766 Membership Meeting

In-person meetings are held the 3rd Monday of each month. "Hanger Talk" with food begins at 6:00 PM followed by a membership meeting at 7:00 PM. One member volunteers to bring the main dish while other members are asked to bring a dish to pass. An interesting program will follow the meeting.

Interested in Joining EAA Chapter 766?

If you or someone you know is interested in joining, please contact our Membership Director, Luiz Cordeiro at lcordeiro@att.net or 920-912-4617. Please click [HERE](#) for the application form on the membership page of the Chapter 766 website to join EAA Chapter 766.

EAA Chapter 766 Officers & Directors

President – Brian Lerwick	Vice-President – Dan Miller
Secretary – Kyle Hokel	Treasurer – Jim Fintelmann
Activities – Open Position	Membership – Luiz Cordeiro
Young Eagles – Brian L. / Lee Kunze	AHC Representative – Tony Kolar
Newsletter/Web - Bruce Becker	Programs – Chris Roenitz (Interim)

EAA Chapter 766 IMC Club

The **IMC Club meetings** are held the 1st Monday of each month in the Aviation Heritage Center Library at 6:30 pm. Tony Kolar, CFII and Dave Rudd, IMC Club Coordinator, will facilitate the meetings.



Aviation History Through Film at the AHC

An Educational and Enlightening Journey led by instructor, Dan Miller

Doors open at 6:30pm Classes begin at 7pm

Cost: \$2 per night or \$20/annually, payable at first session

Screening Friday, **January 10**, at the Aviation Heritage Center, Sheboygan County Airport, is the film **Casablanca**: During WWII an American ex-patriot must choose between his love for a woman and helping her husband, a resistance leader, escape from Nazis. Aviation Heritage Center of Wisconsin Website

Saturday Morning Hanger Talk with Coffee at the AHC

EAA Chapter 766 has “Hanger Talk” with coffee and sweets every Saturday morning from 9 a.m. to 11 a.m. at the Aviation Heritage Center. Whether you fly-in or drive, everyone is welcome.

Redbird FMX

**Full motion flight simulator
three-axis yaw, pitch, and roll.**

Contact Aviation Heritage Center of Wisconsin Simulator Manager Jay Hoogstra, CFII at 920.698.0850 or jdj@excel.net to discuss your simulator needs. Contact Tony Kolar, CFII at 920.698.6142 or tonyjolar@gmail.com for additional information.

Aviation Heritage Center Hours

Sunday - 11 a.m. – 4:00 p.m. / Monday – Closed / Tuesday - Closed
Wednesday - 11:00 a.m. – 4:00 p.m. / Thursday - 11:00 a.m. – 4:00 p.m.
Friday - 11:00 a.m. – 4:00 p.m. / Saturday - 9 a.m. – 4:00 p.m.



Sporty's Virtual Flight Academy

As technology changes the way we learn to fly and become proficient pilots, EAA Virtual Flight Academy powered by Sporty's is bringing that paradigm shift to flight training. Combining the power of games, artificial intelligence, and data analytics, we've developed a new virtual flight instructor. Whether it's your first flight, or your 500th, EAA understands what it takes to maximize your safe enjoyment in the cockpit and build proficiency. Read more [here](#)

Youth Education Center Program Guide

A Program Guide for the EAA Aviation Museum Youth Education Center for grades K - 12 can be viewed [Here](#)

Become a Member of EAA

No matter what aviation means to you, this is your year-round home for aviation! Please click [Here](#) to sign up.

Videos, Webinars and Speaker Series

Click [HERE](#) to view EAA **Videos**. The EAA **Speaker Series** Information can be viewed [HERE](#) The EAA **Webinars** can be viewed [HERE](#)

SportAviation

Click [HERE](#) for EAA SportAviation - the digital monthly magazine (username and EAA number is required)

Inspiring Aviation Professionals of the Future

The EAA AeroEducate page can be seen at [Here](#)

EAA Museum Hours

Monday through Sunday: 10:00 a.m. – 5:00 p.m. Please call the EAA Aviation Museum at 920-426-4818 with any questions.



Homebuilders Week Online Event Starts January 27th

30 online sessions to expand your knowledge of building your own aircraft
By Charlie Becker, EAA Homebuilt Community Manager

Homebuilders Week is an online opportunity to carry on the founding mission of EAA by sharing as much knowledge and information about building your own aircraft as possible in five days. We start on Monday, January 27th, 2025, and end on Friday, January 31st, 2025. Each day, we offer six live webinars running back-to-back, starting at 11:30 am central time and running every hour and a half until the last session at 7pm central. The sessions are live and allow time for questions. To sign up for the sessions, visit www.EAA.org/HomebuildersWeek

The topics cover something for everyone, whether you are just considering the idea of building an aircraft, are knee deep in a project or getting ready for test flying. We even have EAA president Jack Pelton lined up on, January 30th, to talk about EAA's Advocacy efforts on behalf of the homebuilt members.

EAA Homebuilders Week follows immediately after the anniversary of the founding of the Experimental Aircraft Association on January 26th, 1953. I can't think of a better way to recognize our organization's founding than to spend 5 straight days learning about homebuilding.

EAA Homebuilders Week is made possible through the generous sponsorships of Aircraft Spruce & Specialty Co., Dynon, Scheme Designers, and Van's Aircraft.

Visit www.EAA.org/HomebuildersWeek to sign up.



Homebuilders Week Schedule

January 27 - 31, 2025

To sign up: EAA.org/HomebuildersWeek

Time CST	Monday 1/27/25	Tuesday 1/28/25	Wednesday 1/29/25	Thursday 1/30/25	Friday 1/31/25
11:30-12:45	Building an Aircraft: What You Need to Know - Charlie Becker	Wiring Basics - Dick Koehler	Flight Testing 101 - Paul Dye	EAA Advocacy Update: Top Homebuilding Issues and the Impact of MOSAIC - Sean Elliott, Rob Hackman, & Jack J. Pelton	Staying Alive: Analysis of Homebuilt Fatal Accidents - Dave Nelson
1:00-2:15	Sheet Metal Basics - Mike Dooley	TIG Welding - Charlie Becker & Shaun Walker	Composite Construction - Mark Forss	Amateur-Built Aircraft Certification Process - Joe Norris	Liability of Selling Your Homebuilt - Kathy Yodice
2:30-3:45	Fabric-Covering Basics - Nate Hammond	Getting Your Project Finished and Flying - Vic Syracuse	Buying a Used Homebuilt - Vic Syracuse	Sonex Highwing Update - Mark Schaible	Zenith Aircraft Kits & Plans - Sebastien Heintz & Roger Dubbert
4:00-5:15	The Need for Speed: Kitbuilt Options - Dave Forster	Hardware for Homebuilts - John Cox	Advanced Flight Systems - Rob Hickman	Garmin Experimental Avionics Solutions - Brad Brensing	Weight and Balance - Joe Norris
5:30-6:45	Panel Planning and Wiring - Marc Ausman	Dynon Avionics - Michael Schofield	Engine Selection Basics - Dick Koehler	Gas Welding - Budd Davisson	Working With Wood 101 - John Egan
7:00-8:15	Rotax 9 Series Installation & Operation - Phil Lockwood	Designing the Perfect Paint Scheme and Its Impact on Budget - Craig Barnett	Data-Driven Diagnosis of Engine Issues - Mike Busch	Van's RV Aircraft Kits - Greg Hughes	Common Builder & Maintenance Errors - Vic Syracuse

Sponsored by



Flight Data Monitoring

#FlySafe GA Safety Enhancement Topic

Editor's note — Information in this article was updated in December 2024.

The [General Aviation Safety Committee \(GAJSC\)](#) System/Component Failure Working Group asserts that pilots continue to hold unreasonable expectations of their personal performance, and the performance of their aircraft, which has contributed to fatal GA accidents. Reasonable performance expectations, based on realistic data from flight data monitors, can help to forecast system/component problems before they reach the point of failure, resulting in safer flight operations.

Flight Data Monitoring

Flight Data Monitoring (FDM) has been around since before the jet age, and commercial airplanes make extensive use of the technology. Systems comprised of sensors, computer hardware, and software acquire and archive flight data for use in trend analysis and investigations of accidents and incidents. While it's true that most GA aircraft don't have dedicated automatic flight data recording devices now, we will be able to enjoy the benefits of equippage in the future. In the meantime, it's often surprising to see what we already have.

Tools You Can Use Now

Changes in aircraft performance can be a sign of developing mechanical issues. Your Pilots Operating Handbook (POH) will help you to predict your aircraft's performance, but only by monitoring your personal performance can you know what to expect. Comparing your performance with the POH will enable you to develop accurate performance predictions and reasonable performance expectations.

Many data monitoring operations involve no automation at all. Basic instrumentation such as airspeed indicators, attitude indicators, angle of attack indicators, manifold pressure, RPM, and G indicators give immediate feedback as to whether design limitations have or are about to be exceeded. Pilots can track engine power, fuel flow, oil temperature and pressure. Panel mounted GPS systems and many hand held units are already capable of recording position, heading, speed, and altitude. Some engine monitors have recording capability and many aircraft owners participate in oil analysis programs — a tool for gauging engine health and heading off expensive or, in some cases, disastrous problems.

Read more [here](#)



**Happy New Year
2025**

Wishing you a happy and healthy 2025

EAA Chapter 766

Newsletter Submissions

This is YOUR newsletter. Let us hear from you!

We need **YOUR** input. Send your news or original articles to the newsletter editor. Use the subject: "EAA 766 Newsletter Input".

Acceptable format for photos is JPEG, TIF, GIF and PNG. Acceptable text is WORD, EXCEL and Pages. Don't waste time formatting for nice layout. Editor reserves the right to adjust photo resolution, edit text or adjust layout to meet newsletter format requirements.

Deadline for submission is the 25th of month prior to publish month.

Please note: Hard copy/printed pages cannot be used.

Future Membership Meetings

February 17, 2025 "Hanger Talk" with food at 6 PM and meeting at 7 PM

March 17, 2025 "Hanger Talk" with food at 6 PM and meeting at 7 PM

An interesting program will follow the meetings

Disclaimer

Be aware that as always, in past, present and future, any communications issued by Experimental Aircraft Association, Chapter 766, regardless of format, and/or media used, includes, but is not limited to, this newsletter and audio/visual recordings, is presented only in the context of a clearing-house of ideas, opinion, and personal experience accounts. Anyone using ideas, opinions, information, etc., does so at their own risk. Therefore, no liability is expressed or implied by the Experimental Aircraft Association, Chapter 766, or any of its members. Any event announced and/or listed herein, except as noted, is done as a matter of information and does not constitute approval, sponsorship, control, or endorsement of said event.

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chapters.eaa.org/eea766

