

EXPERIMENTAL AIRCRAFT ASSOCIATION

CHAPTER 1098

SHAWNEE, OKLAHOMA

The Shawnee, OK, EAA Chapter 1098 is an official chapter of the EAA, Wittman Airfield, Oshkosh, Wisconsin 54903. Phone 414-426-4800. Chapter1098 was organized to promote aviation in the community, provide camaraderie, sharing of aeronautical knowledge and skills among those with interest in grassroots aviation and who share the objectives of the EAA. Chapter dues are \$20.00 per year, payable on 01 January. Normally our meetings are held on the fourth Saturday of the month at 2:30pm at Gordon Cooper Tech Aviation Campus, 2600N Airport Dr, Shawnee, OK 74804, Shawnee Airport (KSNL). Time, date and place are subject to change. Please check newsletter for latest meeting information.

EAA CHAPTER 1098 OFFICERS AND DIRECTORS

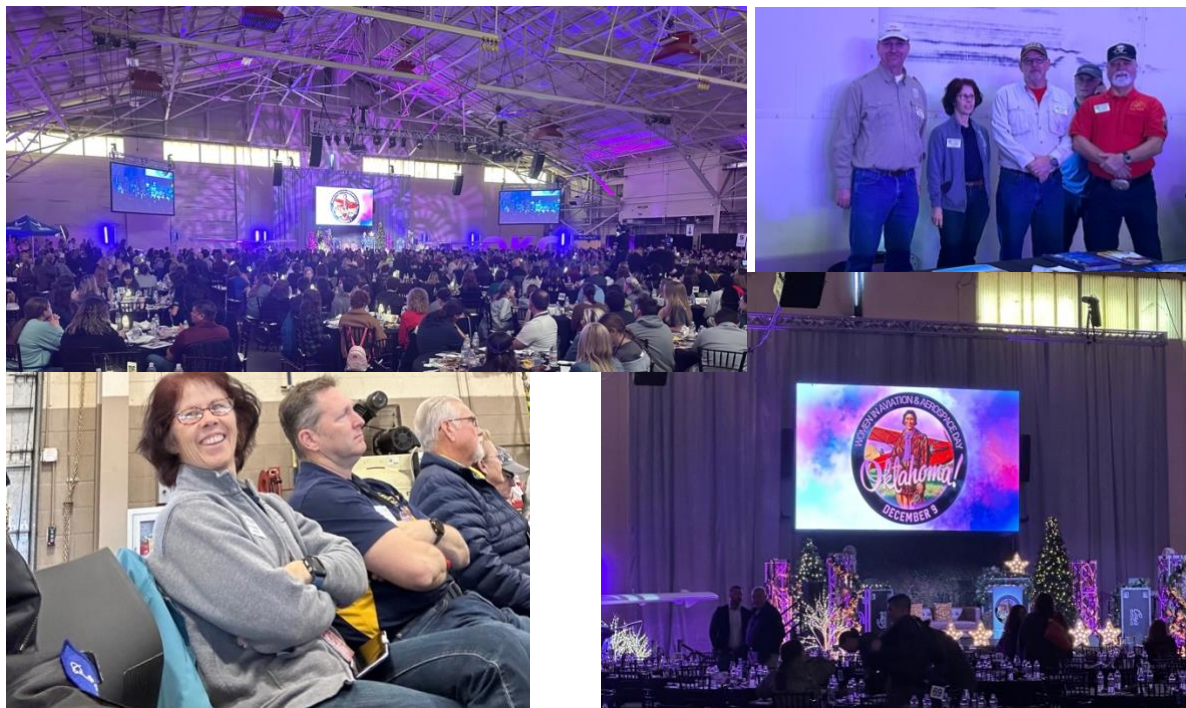
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Welcome to the January 2024 issue of EAA Chapter 1098 newsletter. I trust you had a great start to the New Year and are staying warm during this cold spell. Our next meeting is scheduled for Saturday 27th January 2024, 2:30pm at the Gordon Cooper Aviation Tech Center, Shawnee Airport, Shawnee, OK. We plan to have coffee and some snacks for all. I will be presenting this month, giving an introduction to modern Product Lifecycle Management (PLM) design tool suites, the digital thread, digital twin and a digital production line approach to design and simulation. Essentially, how do modern aircraft get designed and the level of complexity that goes into a modern product.

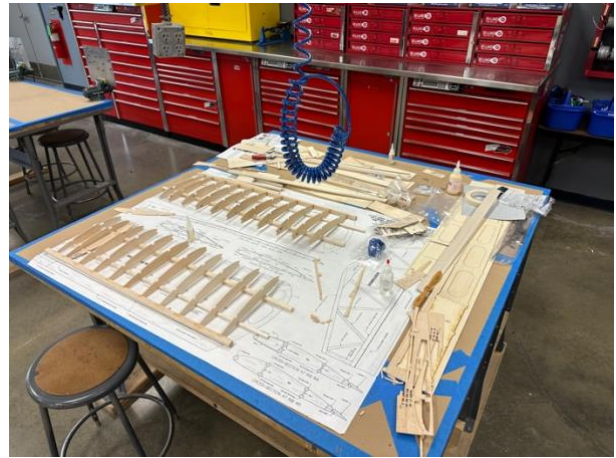
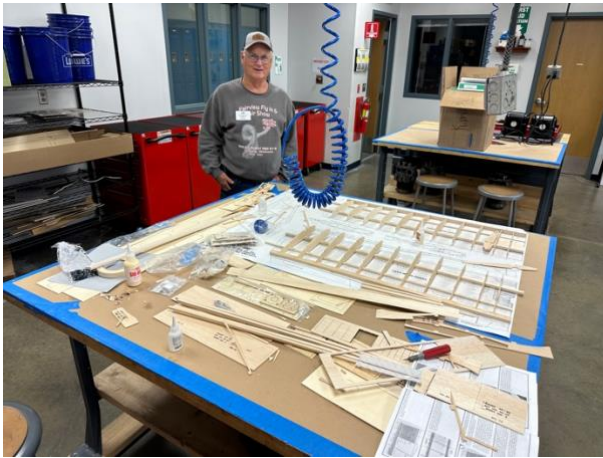
It's membership renewal month, please make sure to bring your EAA national card number with you along with your \$20 annual Chapter 1098 dues. Greg will be collecting money. Kindly, please make sure your membership is up to date with national office.

Members Corner

08Dec23 - Women In Aviation – Troy and Tracy, Greg and Dianne, Chuck and Liz, Gary and Karen, Kyle, and Stuart were invited to attend the Women In Aviation event at Will Rogers World Airport. We were asked to bring our airplanes. Unfortunately, due to low cloud and high winds, this was not possible. The event was a dinner where local female astronauts, pilots and mechanics are celebrated.



RC Airplane Project – If you remember, we bought the EAA RC Airplane in 2022 and donated it to the Gordon Cooper Aviation Technology Center High School program. The high school



students have been hard at work building the kit. See attached pictures showing the wing and fuselage under construction. The EAA RC Airplane kit includes the balsa aircraft kit and covering materials, electric motor and speed controller, radio control transmitter, receiver and servos, all tools required for assembly, and even an RC simulator. We hope to have it completed and flown in 2024 and will bring it along to a meeting to show everyone.

Upcoming Events

Evening Fly Out - We are in the process of setting up some fly out events. Members at both Twin Lakes and Ellis Harvey air parks are planning to host fly out events. Ellis Harvey members have been getting together on a Wednesday evening to discuss upcoming projects and work on members planes. We are in the process of setting up something similar at Twin Lakes on a Thursday evening. We will let you know more in a future newsletter. If you are interested in

participating in the gathering at Ellis Harvey, please reach out to Stuart. For Twin Lakes gathering, please reach out to Kyle.

Current Events Scheduled for EAA Chapter 1098

Date	Event
27th January	Monthly Meeting – Modern Design Practices Stuart Yeo
24 th February	Monthly Meeting – Off Airport Landings John Wise
23 rd March	Monthly Meeting – GAMI- Unleaded fuel John Paul Townsend
27 th April	Monthly Meeting – Fired Department - Aircraft Fire Safety Gary to arrange
13-18 May	Learn to Fly Week Stuart to organize
25 th May	Fly out to Hutchinson Liberal Museum Stuart to arrange
22 nd June	Tri-Chapter Summer B-B-Q 4:30pm at Karen and Gary hangar, Twin Lakes Airpark
27 th July	FAA Academy - Hypoxia Altitude Chamber Survival Skills Tracy to arrange
24 th August	Thunderbirds Crew Chief Robert to arrange
28 th September	Weather – National Weather Service Kyle to arrange
26 th October	RV-7 Build Alan Bumbaugh
14 th December	Tri-Christmas Party 4:30pm at Karen and Gary Hangar, Twin Lakes Airpark

Fly Out Events We Can Support (Looking for Volunteers)

Date	Event
27 th January 20 th April 24 th October	EAA Oshkosh Leadership Training
TBD	Guthrie Open House / Young Eagle Flights
1 st June	Chickasha Open Day / Young Eagle Flights
28 th September	El Reno Open Day / Young Eagle Flights
July	Tinker Air Force Base Air Show
September	Girls In Aviation

	Will Rogers World Airport
September	Fly the Caucus
December	Women In Aviation Will Rogers World Airport

EAA Chapter 1098 Logo Merchandise - We are focusing on hats and T-shirts. Kyle has been working with a printing company to create art work for a chapter logo. We hope to have some samples to share at the February meeting.

VMC and IMC Section

VMC Question:

What instruments and other equipment are required for powered flight in day visual flight rules ?

IMC Question:

What instruments and other equipment are required for powered flight in instrument flight rules ?

Safety Corner

Aero Educate – EAA now offer a free aerospace curriculum for school children, which compliments the Young Eagle events. If folks are interested in getting involved, there are approximately 87 schools in the Oklahoma area now offering some form of aerospace program. Please check out: www.aeroeducate.com

FAA Wings Safety Program – As part of a pilot's continuous learning journey, the FAA has a website full of great tips. The WINGS - Pilot Proficiency Program is based on the premise that pilots who maintain currency and proficiency in the basics of flight will enjoy a safer and more stress-free flying experience.

You select (in your Airman Profile) the category and class of aircraft in which you wish to receive training and in which you wish to demonstrate your flight proficiency. Requirements for each aircraft category and class include specific subjects and flight maneuvers. To ensure you receive a well-rounded learning experience, only certain flight activities fulfill specific credit requirements. More information about how these subject areas are selected is available on your MY WINGS page.

The program encourages an on-going training program that provides you an opportunity to fly on a regular basis with an authorized flight instructor. The program is most effective if the training is accomplished regularly throughout the year, thus affording you the opportunity to fly in different seasons and in different flight conditions.

Please check out.: www.FAAsafety.gov

VMC and IMC Answer

VMC Answer:

Per FAR 91-205

For Day VFR

ATOMATOEFLAMES

Airspeed

Tachometer

Oil Pressure

Magnetic Direction

Altimeter

Temperature – Liquid cooled engine

Oil Temperature

Fuel gauge

Landing gear position

Anti-collision lights

Manifold suction pressure

ELT

Safety belt and shoulder harness

For Night VFR

FLAPS

Fuses

Landing Light

Anti Collision Lights

Position Lights

Source of Power

IMC Answer:

Those items listed above plus:

2 way radio

Rate of turn

Slip Skid

Clock with hours, minutes and seconds

Generator / alternator

Artificial Horizon

Directional Gyro