

# 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

PRESIDENT		VICE-PRESIDENT	
Gary Manning 13801 Chandelle Dr Newalla, OK, 74857 405-664-7356		Stuart Yeo 7100 Ellis Road, Guthrie OK 73044 740-398-5301	
TREASURER		SECRETARY	
Greg Chapman 14300 Chandelle Dr Newalla, OK, 74857 405-830-2377		Larry Danko 608 S Maple St Paden, OK 74860 405-932-5103	
TECH COUNSELORS		DIRECTORS	
Gary Manning 13801 Chandelle Dr Newalla, OK, 74857 405-793-1090	John Myers 35955 Hwy 99A Seminole, OK, 74868 256-484-2367	Bill Rickner 35957 Hwy 99A Seminole, OK 74868 405-395-7652	John Myers 35955 Hwy 99A Seminole, OK, 74868 256-484-2367
Larry Hinton 4105 S Eastern Ave Moore, OK, 73160 405-439-3704	Gale Braden 405-517-5665	David Ames 14000 Chandelle Dr Newalla, OK, 74857 405-615-0003	Chuck Lewis
FLIGHT ADVISOR		YOUNG EAGLES COORDINATOR	
Larry Eversmeyer Oklahoma City, OK 405-209-3081 CFI, Heli, Tailwheel	Dan Burdette Edmond, OK 405-245-5500 CFI, Tailwheel	Pat Cohenour  Shawnee, OK 405-495-1612	
NEWSLETTER EDITOR		WEB EDITOR	
Stuart Yeo		Tracy Chaddon	

Welcome to the July issue of EAA Chapter 1098 newsletter. Let me start by wishing everyone a happy Independence Day, I hope folks got to see some great fireworks, celebrate this great country and freedoms that we all get to enjoy here in the USA.

Our next meeting is scheduled for Saturday 22Jul23, 2:30pm at the Gordon Cooper Aviation Tech Campus. Hoping the weather will be great for flying and we can see everyone's airplanes there. Doug Lomheim has kindly agreed to present his work rebuilding an RV-3. I understand it was a quick fix project while he was in the middle of building his RV-9A.

### Young Eagle flights

Young Eagles at Shawnee. We had to reschedule our original event to 24Jun23 due to weather. This Saturday morning event started with a mist over Shawnee and about 600ft cloud cover. This eventually cleared around 11am enabling pilots to arrive and fly our Young Eagles. We were very surprised with the turn out. We had 20 children signed up and 15 showed up and all got to fly in our General Aviation airplanes. Speaking to the children during the event, it never ceases to amaze me how many have never flown before, and how excited they are once they do get to experience flying. It was also surprising how far folks traveled to Shawnee for the event. Some came from as far away as Tulsa. Thanks again to:

Pilots: Bill Rowden, Kyle Rausch, Greg Chapman, Stuart Yeo and Gary Manning.

Ground Crew: Diane Chapman, Karen Manning, Sivani Page, Robert Henson.

Thanks again to everyone else that helped make the day a great success.



## Tinker Air Force Base Airshow 2023

The Tinker Air Force Base Airshow was held on Saturday 1<sup>st</sup> and Sunday 2<sup>nd</sup> July. The Airshow hit their 100,000 people capacity crowd both days. This was the first Airshow Tinker has held in 4 years due to covid. Tinker Air Force base is a huge part of Oklahoma City community, being the largest single employer with over 26,000 military and civilian employees. The air base covers over 4,000 acres and is home to the Air Force Sustainment center (AFSC), 72<sup>nd</sup> Air Base Wing, 448<sup>th</sup> Supply Chain Management Wing, 552<sup>nd</sup> Air Control Wing, Navy's Strategic Communications Wing, and 507<sup>th</sup> Air Refueling Wing.

The depot level maintenance and supply chain facility routinely provide overhaul facilities for KC-135, B-1B, B-52, and E3B aircraft. The facility includes Building 3001 which covers 62 acres and stretches seven tenths of a mile in length. The base also has gas turbine engine overhaul facilities for most of the USAF power-plants.

Oklahoma City has 3 EAA chapters in the metro area. To the east is Shawnee, Chapter 1098, to the south is Goldsby, Chapter 1612 and to the northwest is Sundance, Chapter 24. Many of our EAA members work or have worked on the Air Force base giving our chapter members a huge depth of knowledge in aviation, both flying as well as avionics, airframe and power plant construction and modification.

We had a great time at the Airshow. We battled the heat but made it. The weekend started off on Friday with some thunderstorms to spice up the experience! We were invited to bring 6 airplanes to the show, we had 3 members bring their planes. Several exhibitors did not show because of the changeable weather. Our EAA pilots were given arrival slots around 5:30pm on Friday night. Kyle flew in his RV-6 (with Doug) and got to land after the F22 Raptor which made his weekend. The F22 did a complete lap of the pattern and landed between being at 5 mile final and 3 mile final. Troy and Tracy flew in with their Long Eze and had a special treat, getting to hang with the B2 Stealth Bomber as they arrived which was a first for them.



The weekend was a great success made possible by members from all 3 Oklahoma City chapters (chapters 1098, 24 and 1612) attending our static display to do a shift of handing out leaflets and answering questions about EAA. Our purpose was to raise awareness of the EAA, advertise the 3 local Oklahoma City chapters as we always want to expand our membership as well as highlight EAA benefits and opportunities for prospective builders and pilots. We got to meet many EAA members that were not actively associated with a chapter and gave them information related to prospective local chapters they

could join. We met new prospective Young Eagles and Eagles that were unaware of the EAA organization and those that were members looking for additional information on Sport Pilot, Tech Counselors, etc.

We had 3 great airplanes on our static display, and this helped immensely with attracting traffic to our tent. These included Troy Chaddon with his Long Eze, Kyle Rausch with his RV-6, Jim Putnam with his RV-10A.



Troy and Tracy Chaddon with their LongEze Experimental Airplane.



Kyle Rausch brought his Vans RV-6 experimental airplane. Kyle is a retired Flight Engineer on E6B and was stationed at Tinker Air Force base. Flying into the airport in his own airplane bought back lots of great memories. He also got to meet up with some old friends while on the EAA static display from his former Navy career.



Jim Putnam with his Vans RV-10A experimental airplane. Jim is President of Chapter 24 at Sundance, OK. He is a retired Colonel with the Air Force. He is a big supporter of the Young Eagles program.



Chapter 1098 President Gary Manning with Chapter 24 President Jim Putnam and Chapter 1612 Vice President Dennis D'Angelo.

We had members of the EAA in other exhibits including Justin Lewis with his Microjet.



Justin Lewis has presented to our chapter on the build of his Micro Jet aircraft. Gary Manning was Tech Counsellor for the project. It's a fascinating story of how Justin and team researched other MicroJet projects that weren't successful in mitigating risk to make his project a success.

The Airshow was very entertaining. We got to see displays from the Tora Tora Tora and their Pearl Harbor re-enactment team. The Blue Angels always do a great show, and this included a display from their C-130 Fat Albert. We also got to see some flying from an E3 AWACS and E6B, KC135 Tanker, C17 Globemaster along with smaller aircraft like the Interstate Cadet 'Jelly Belly' stunt plane. If you haven't seen the Jelly Bean, it's quite the show, it even loses an aileron mid show and continues its aerobatics just fine!

The Airshow would not have been complete without the many other static aircraft and drones on display.



Kratos Valkyrie XQ-58A highly autonomous low cost tactical UAS bomber delivering a combination of long range, high speed and maneuverability.



Chapter 1098 President, Gary Manning standing in front of the B-2 Stealth flying wing and Chapter 1098 Vice President Stuart Yeo standing in front of the F-22 Raptor. The B-2 flew in and out using call sign Death21 which added to it's sinister image.



The Tora Tora Tora aircraft always put on a great Airshow.



The A-26 Lady Liberty is always a crowd pleaser. This aircraft is based at Enid Woodring, Oklahoma.



The Tuskegee airmen were represented with this red-tailed early P-51 Mustang.

I think this note and image from Kyle Rausch sums up the event:



(This image was quite touching, a child's handprint) - 'It starts with a dream'.

**VMC Question:**

**Question:** What do the large print blue numerals on a sectional chart represent?

**IMC Question:**

**Question:** What is the standard format for the sequence of information provided in an IFR clearance?

**VMC Answer:**

**Answer:** The numerals described are the Maximum Elevation Figures (MEFs) printed on sectional charts. The Maximum Elevation Figure (MEF) represents the highest elevation within a quadrant, including terrain and other vertical obstacles (towers, trees, etc.). A quadrant on a sectional chart is the area bounded by ticked lines dividing each 30 minutes of latitude and each 30 minutes of longitude. MEF figures are rounded up to the nearest 100-foot value and the last two digits of the number are not shown.

**Source:** FAA Chart User's Guide

**IMC Answer:**

**Answer:** Clearance limit, Route, Altitude, Frequency, Transponder code. Note then when copying a clearance, the sequence of items can be abbreviated as CRAFT.

**Source:** FAA Instrument Flying Handbook FAA-H-8083-15B